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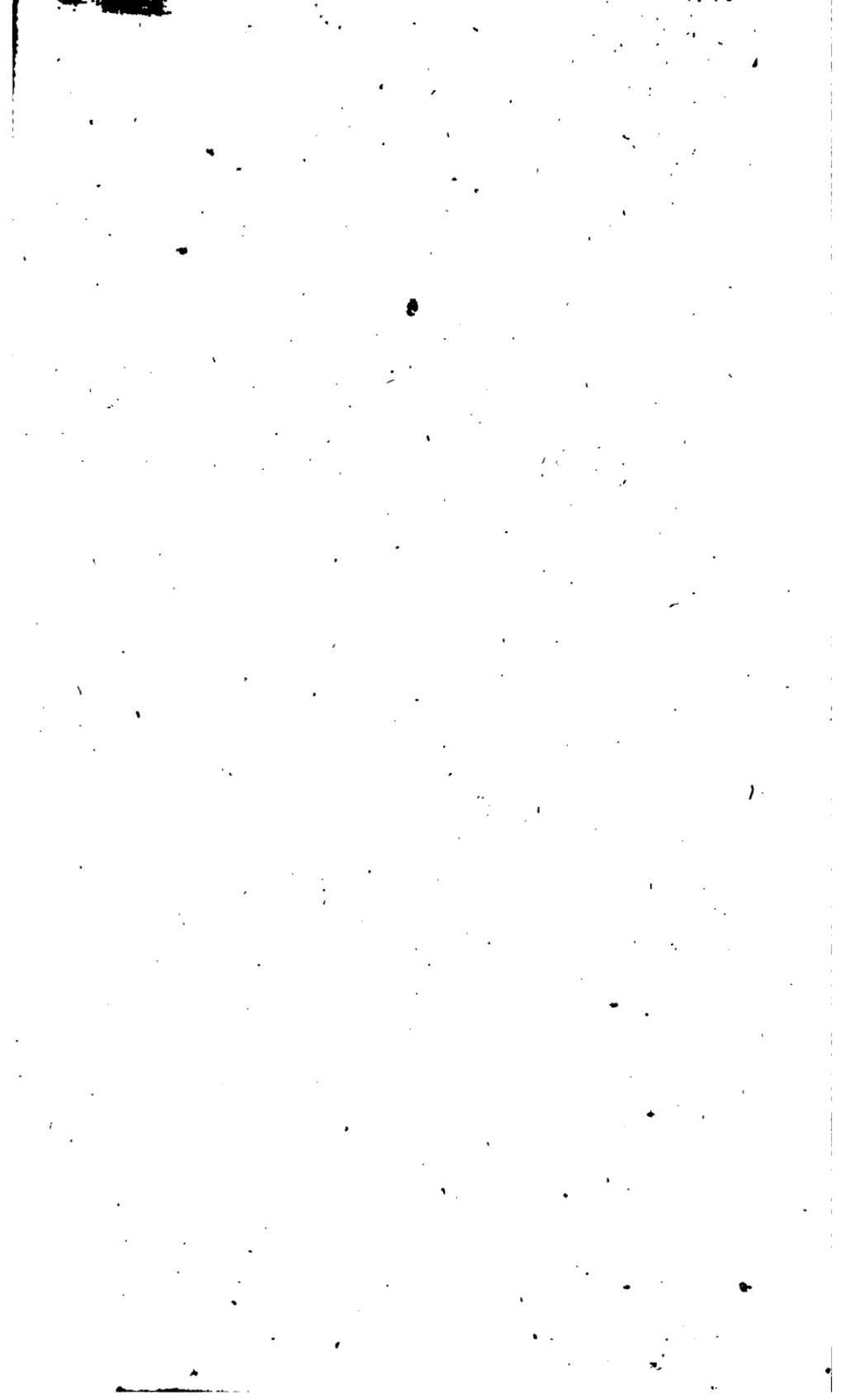


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# Mr. RAY's Travels.

VOL. II.





A  
COLLECTION  
OF CURIOUS  
Travels and Voyages.

CONTAINING,

Dr. Leonhart Rauwolf's Journey  
Into the *Eastern* Countries, *viz.*

SYRIA, PALESTINE, or the HOLY LAND, ARME-  
NIA, MESOPOTAMIA, ASSYRIA, CHALDEA, &c.

---

Translated from the Original *High Dutch*,  
By NICHOLAS STAPHORST.

---

AND ALSO,

TRAVELS into GREECE, ASIA *minor*, EGYPT,  
ARABIA *felix*, PETRAEA, ETHIOPIA, the RED  
SEA, &c.

Collected from the Observations of  
Mons. BELON, PROSPER ALPINUS, Dr. HUNTING-  
DON, Mr. VERNON, Sir GEORGE WHEELER, Dr.  
SMITH, Mr. GREAVES, and others.

To which are added three Catalogues of such  
Trees, Shrubs, and Herbs, as grow in the LEVANT.

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By the Rev. JOHN RAY, F. R. S.

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The SECOND EDITION Corrected and Improved.

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VOL. II.

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Dr Leonhard



# Dr Leonhart Raumolff's TRAVELS INTO THE Eastern Countries.

In which is chiefly treated, how he got into Syria, and what strange things he there saw and observed.

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## P A R T . I.

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### C H A P . I.

*Which way I went first of all, from Augspurg to Mar-  
seilles, and from thence shipped over the seas towards  
Tripoli of Syria, situated in Phoenicia.*

HAVING always had a natural inclination, almost from my infancy, to travel into foreign Countries, but chiefly into the Eastern ones, which have been of old celebrated for fertility, which were cultivated by the most ancient people, and whose princes in former ages, have been the most potent

potent monarchs of the world; not only to observe their lives, manners and customs, but chiefly to gain a clear and distinct knowledge of those delicate herbs, described by *Theophrastus*, *Dioscorides*, *Avicenna*, *Serapio*, &c. by viewing them in their proper and native places, partly that I might more exactly describe them, especially the most strange and rare; partly also, to provoke the Apothecaries to endeavour to procure those that are necessary for them to have in their shops: I strove always to put this my desire into execution, but was forced to defer it until, in the year of our Lord 1573, I found an opportunity, by my honour'd brother-in-law Mr *Melchior Manieck*, senior, which was very convenient: He received me presently, (having before a design to increase the number of them that were employ'd in his trade) and fitted me out for my voyage, that I might go with the first company that should travel for *Marseilles*, and then from thence farther in one of their ships to *Tripoli*, situated in that part of *Syria* which is call'd *Phoenicia*.

*May 18, 1573.* After that my honour'd friend, Mr *Frederick Rentzen*, of that same city, was come to me, we set out the 18th of May, Anno 1573, from Augspurg towards *Lindau*, designing to go through *Piedmont* to *Milan* and *Nissa*, and so farther: The same day we came to *Mindelheim*, a very pleasant town with a princely castle, situated upon the *Mindel*, then belonging to the baron of *Frundsberg*.

*19.* The 19th at noon we came to *Memmingen*, a very pleasant city of the empire, and at night to *Leutkirch*.

*20.* The 20th we rode thorough *Wangen*, another imperial city, situated in *Algaw*, where they drove a very good trade with fine ticking and linnen cloth; about noon we arrived at *Lindau*, an imperial city situated in the *Boden* sea, where there is a very great depository or staple of all sorts of commodities or merchandizes: some have call'd this the *German Venice*, because it is in like manner situated in water, and hath also a great trade. After dinner we crossed the lake towards *Furzach*, a village not far from *Bregenz*, towards the *Rhine*.

*21.* The 21st about breakfast-time we came to *Veldkirch*, a very pleasant town, situated upon the *Yll*, belonging now to the house of *Austria*, but formerly to the counts of *Montfort*. By the way I saw several fine plants, viz.

*Saxifrage*

*Saxifraga Aurea*, *Caryophyllata Alpina*, a fine sort of *Bellis-major*, *Christa galli* with white flowers, and *Auricula Ursi* with brown flowers, &c. At night we came to *Mayensfeld*, belonging to the *Graupuntern*, upon the *Rhine*, which runs by the town, and there runs into it a river call'd *Camingen*, which slides down between high rocks, where the famous warm bath (from an adjacent abby, call'd *Pfeffers*) riseth, which may be numbered amongst the wonderful waters, in regard of it's admirable operation in strengthening lame and contracted members, and hath this property beyond other baths, that it loseth itself from *October* till *May*, and then it cometh on again powerfully.

The 22d we came at night to *Chur*, a very ancient city, where also is a deposition of Goods that are brought thither from *Germany* by pack-horses over the mountains. A seat of that Bishop lyeth half an hour's going from the *Rhine*, wherefore this bishopric is accounted the chief of all the bishoprics of the *Rhine*, or the *Pfaffen gaste*, call'd by others, because it is situated near the first beginning of the *Rhine*, according to the ancient proverb : *Cosentz* the biggest, *Basil* the pleasankest, *Strasburg* the noblest, *Spires* the devoutest, *Worms* the poorest, *Menz* the worthiest, *Trier* the ancientest, and *Collen* the richest.

The 23d we rode to *Tufis*, an ancient village belonging to the *Graupuntern*, the name whereof shews it's original, for the *Rhetians* are descended from the *Tuscans*, who under the conduct of one *Rhaetus* of old took possession of those countries; not far off upon a high mountain is still situated a ruin'd castle, call'd *Realt*, or which is righter, *Rhaetia alta*, deriv'd also from the *Rhetians*.

The 24th at noon we came by the *Splewer-hill* into a village call'd *Splugi*, not far from the beginning, head, or source of the *Rhine*: Thence we passed over the hill, and came at night to a little village call'd *Gampischin*, situated in a valley of the same name, where we rested.

Monday the 25th at nooh we came to *Clæven*, or *Clavenna*, a very ancient town, belonging to the *Bunts*, which had anciently a strong castle, which was demolish'd by the *Graupuntern* themselves, Anno 1524, after it was cunningly taken from them by *Cagli* & *Mæsi*.

23.

24:

25.

## Dr Leonhart Rauwolff's Travels : Part I.

and *John Jacob de Medicis*, in which bustle the town was also ruin'd, for the gates and walls were beaten down, that no enemy might after that lodge himself there again. From *Cleven* we went to *Riva* upon the *Lago di como*, where the water *Addua* runs into the lake, and yet notwithstanding adds no water to it, nor taketh any from it, but only runs strait through it ; and so doth the *Rhine* through the lake call'd the *Boden-Sea* : From thence we travell'd to *Gera* upon the same lake, where we lay all night. On the bank I saw some purple-colour'd lillies, a sort of *Lilium Saracenicum* with small leaves, and in the old walls the *Cymbalaria*.

*May 26.*

The 26th about noon we came to *Como*, a very glorious and pleasant city, from whence the lake hath it's name to this day. From thence we rode the same night to *Milan*, the metropolis of that dukedom. What strange passages have been committed in this town before it was possessed by the Emperor *Charles the fifth*, after the decease of the last duke *Francis Sforzia*, is related sufficiently in History.

*27.*

The 27th we rode through *Binasco*, a pleasant village, where the very learned and famous *Andreas Alciatus*, Doctor in Law, and Professor of several Universities in *France* and *Italy*, hath built a very glorious palace ; and in the evening passing by the great park (in which in the year 1525, was fought that bloody battel between *Francis King of France*, and the Emperor *Charles the fifth's* officers, in which the King himself was made prisoner, and many of his men kill'd) the same night arrived at *Pavia*, an ancient glorious city, situated on the river *Tesin*, where the Kings of the *Longobards* did formerly keep their courts, and afterwards *Charles the Great*, the first *German Emperor*, did institute an University, which has brought up many eminent and learned men since.

*28.*

The 28th departing from *Pavia*, we passed the River *Padus*, or *Eridanus*, which is believed to be the biggest river in *Italy*, to *Vogera*, a pleasant village, situated on the river *Stafora*, there we began to take post, and had eighteen stages to *Nissa* : By noon we arrived at *Dertona*, a pretty town, yet not very full of people, by reason of the many wars and intestine quarrels in which it was engaged, belonging to the Duke of *Milan*. In this country

I found

I found whole acres sown with *Wood*, and there I saw the *White Poplar*, also *Millefolium flore luteo*, and farther upon the hill *Brotho* the *Cineraria*, and the *Stæcas Citrina*, *Cotinus Plinii*, and many more fine plants. At night we came to *Alexandria della Paglia*, that is to say, of *Chaff*. When heavy and long wars did arise between the Emperor *Frederick* the first, and the towns of *Lombardy*, by instigation of Pope *Alexander* the third, the towns of *Lombardy* did agree to compile this city out of several villages in the year 1168, and did fortify it the year next ensuing, and call'd it, after the Pope's name, *Alexandria*; but the *Imperialists* call'd it *Alexandria of Straw*, which name it doth retain to this day; yet we did not stay there, but rode the same night to *Bellizona*, a strong place, which perhaps formerly had it's own princes, which did sell it from *Uri* and his relations, because they could not defend it from the Duke of *Milan* in the year 1422, and yet it cost a great deal of blood, until the *Switzers* got it into safe possession in the year 1500.

The 29<sup>th</sup> at noon we came to *Alt*, a considerable city belonging to the dukedom of *Milan*, where the King of *Spain* keeps a garrison, which had just then received the new Governour of *Milan*, and conducted him into the city. Not far off lieth *Carmagnola*, belonging to the King of *France*, and to the Marquisate of *Saluzzo*, where is kept a *French* garrison, as at *Moncalier*, which is very near it, the Duke of *Savoy* hath a garrison; and so garrisons of three eminent princes lie very near one another. That night we lodged in a pitiful village call'd *Baieren*.

The 30<sup>th</sup> we rode thro' *Racone* and *Savigliano*, two small villages, and at night came to *Coni*.

30.

The last of *May*, after we had broke our fast in a village call'd *Limona*, we came to mount *Brothus*, where we saw many pleasant vineyards; and so by *Tenda* into another village, call'd *Sorgo*, where we staid all night.

31.

The first of *June* we reached to *Nissa* in the morning, a city with a strong citadel, upon the *Tyrrhenian* sea, belonging to the Duke of *Savoy*, which the *Turkish* Admiral *Barbarossa* did for a long time besiege with great fury, and yet was forc'd to leave it, although he had the city in his possession, in the year 1543. Thither also

*June 1.*

came Francis King of France, and the Emperor Charles the fifth, to Pope Paul the third, to have peace made between them. Thereabouts I espy'd some fine plants, but chiefly two sorts of *Papaver Corniculatum*, with large and stately flowers, yellow and brown ; and also the *Ladanum latifolium*, and upon the hill towards *Villa Franca*, a *Convolvulus* with white and purple-strip'd flowers, and with long and cut leaves.

Jun. 2, 3,  
4, 5, &c.

The second we went from thence with more company, passing through the villages of *Antibo*, *Cacabo*, *Luc*, *Brignola*, &c. (where I found in the shops a sort of very delicate preserved Prunes, call'd in English *Prunellos's*, which would be very useful in burning fevers against the thirst, in great quantity) to *Marseilles*, which maketh thirty French miles or leagues ; and we rode so fast onward, during this journey, that we arrived there in nineteen days after our departure, that is, on the fifth day of June: By the way I saw *Convolvulus foliis acutis*, *Rubia Tinctorum*, *Stæchas*, a fine *Sesely Peloponnesiacum*, *Thymelæa*, *Cistus* with white and purple flowers, and also a kind of *Ladanum* of the learned *Carolus Clusius*, with small Rosemary-leaves, *Terebinthus*, *Ilex Coccifera*, *Aspalathus*, and the *Polemonium Monspeliensem* of *Rembert Dadonæus*, call'd *Trifolium frutitans*, *Ruscus*, *Lentiscus*, *Calamintha montana*, some common thistles, and others.

In *Marseilles* where I was lodged in my forenam'd kinsman's house, to stay untill the ships were ready, I met with one *John Ulrich Kraft*, son of *John Kraft*, one of the Privy Council at *Ulm*, who was arrived there a few days before, also with the same intention to go along with us, about his own busines. We staid together, and while the ships were fitting out, we made ourselves acquainted with the Physicians and Apothecaries, but above the rest with one experienced man, *Jacob Renaud*, a great lover of plants, who shew'd me in his garden many pretty and strange simples, viz. *Scammonium verum*, *Ambrosia*, *Moly*, *Ammi*, *Aloës*, &c. and a great many dry'd and laid between papers. I found also about the city, *Trifolium Asphaltites*, *Lactuca marina*, *Dendillaria*, *Tragacantha Guilhelmi Rondeletii*, a great *Scabiosa* with white flowers, *Gratiola*, *Gnaphalium marinum*, *Medica*

## Chap. I. into the Eastern Countries.

7

*dica marina*, *Polygonum marinum*, *Eryngium marinum*, *Coris Monspeliensem*, another sort of *Tamariscus*, and of *Consolida*, with yellow sweet flowers, which I also found between *Nimes*, and *Pont du gard*, an old, strong, and fine building, upon which I did find *Ruta Sylvestris*, a sort of *Verbascum foliis dissectis*, *Papaver corniculatum* flore flavo ; I also found thereabouts *Chondrilla Viminea*, growing chiefly in the vineyards, *Conyza major*, *Vermicularis fruticans*, *Carduus tomentosus*, not unlike to *Leucanthemum*, *Nepa Lobelii in adversariis novis* ; I also found *Tartonrayre*, *Aster atticus luteus*, *Psyllium*, *Seseli Æthiopicum fruticans*, *Fuzubes*, red *Valeriana*, *Corruda Rembert. Dodon.* the first kind of *Catananche Dioscor.* which I first spy'd by it's dry'd leaves, just like a Vulture's claw, and many others, not needful to be here related.

After that the ship *Santa Croce* was laden, victuall'd for three months, and provid'd with guns, and all other necessaries for a three months voyage ; we two went with our master, *Anthony Reinard*, with some others belonging to him, in a frigat, the first day of September, S.v.t. 1. in the year 1673, to our ship, which lay at anchor with several other laden ships, near the adjacent islands, with an intention to set sail the next day.

The next day about two in the afternoon, when God sent us a good wind, we hoisted up our sails, and went on : When our patron began to exhort his men to agree together, and to be obedient to him, which they all faithfully promised ; then we went to prayers, and recommended ourselves to the protection of God Almighty.

In the first setting out, before we got to sea, our ship came so near to another, that they touch'd almost ; and had not the seamen in time got them off, we might have suffer'd shipwreck.

When this was over, and we out of danger, we sail'd on with full sails six of us, and advanc'd so fairly, that we lost the sight of land before night, and could see nothing but sky and water.

Not long after, most of us began to be sea-sick, and to bring up what we had eaten some days before, but I and my comrade *Kraft* purged ourselves that night so well, that we were very fresh again the next morning : Some of the rest remain'd sick for seven days after, and

3.

## Dr Leonhart Rauwolff's Travels Part I.

not one of us, altho' we were forty eight, but was sick, and found an alteration after our shipping off.

After we had sail'd two days with a favourable wind, by the *Latins* call'd *Caurus*, but by the *French* and *Italians*, *Maiſtral*, which bloweth between north and west, and proceeded an hundred *French* leagues, there arose on the fourth day about midnight another wind, call'd *Græco*, and by the *Latins*, *Cæcias*, which the more it went to the east, the more it was against us; so that we being hindred from going eastward, were forced to go sideways, and to traverse up and down, and were driven so far southwards, that on **Sept. 4.** sunday night and monday morning we sail'd in sight of the coast of *Barbary*. After the wind was laid a little, and the dolphins appear'd in great numbers, we hoped for better weather, but for want of it, finding ourselves advance towards *Africa* more and more, we were forced to tack about, and to direct our course towards *Marseilles* again.

**5, 6, 7.** We going thus back again, contrary to our intentions, feared that the wind would hold so a while, but contrary to our expectation, it came to be so calm towards the night, that we could hardly perceive any. Then we hoped it would change, which did also succeed accordingly, for the next morning before break of day the *Maiſtral* began to blow again, which pleased us extremely, and so we return'd and pursued our former course again towards the east, and on monday we sail'd so fast, that in an hours time we made ten *Italian* miles, and on the 9th day came into the streights of *Sardinia* and *Africa*, where we saw an island call'd *Gallicia*, which, altho' it be but small, yet, because of the high mountains, is seen afar off; we left it about thirty leagues on one side of us. This island is subject to no body, wherefore a great many pirates lye lurking there: In it is no great matter to be seen, only wild Capers grow there in great plenty. We, finding ourselves in this dangerous place, were not idle, altho' the ship was well provided with guns, pikes, and other arms, but got our great guns ready, and fill'd our chamber, in which we two were, with guns and swords, so that it look'd rather like an armoury of the whole ship than a chamber.

Morſover,

Moreover, because we were afraid of some huge rocks that lye in the sea, chiefly of them which the seamen call *Leuci*, they observ'd them diligently, not only in their sea chart, to know which way they might avoid them, but kept a good watch all that night to observe them, and so with the help of God we got safely clear of them.

A little after we came in view of the kingdom of *Tunis* in *Africa*, with some adjacent islands ; amongst them there is one call'd *Similes*, which, tho' but small, is very fruitful, and therein groweth the best *Aristolochia rotunda* in abundance.

We lost this the next morning, and westward upon Sept. 10, our right hand, at about forty miles distance, we saw another, call'd *Pantalea*, subject to the King of *Spain*, which is inhabited by above three hundred people ; *Sicily* on our left, because the night fell in, we did not then see, but came so near it, that early in the morning we could not only see the hills and mountains, and chiefly the *Mongibello*, which is very high, situated at the other side of the famous city of *Syracusa*, but also the buildings and steeples distinctly ; we sail'd also the whole day by that side that lieth over-against the isle of *Malta*, so long till we came to the last point thereof : And altho' we were not in a little danger there, because of the war, yet we saw no more than one small ship early in the morning by *Malta*, which we took to be of *Marseilles*. So, God be praised, we arrived very well, and without any hindrance at the farthest point of *Sicily*, on the 11th day of September in the evening, which is reckon'd to be 900 *Italian* miles from *Marseilles* ; and we hoped also with the help of the Almighty to go the rest of our voyage to *Cyprus*, which is 1300 more, three of which are reckon'd to a *French* league, for we crossed the *Adriatick* and *Tyrrhenian* seas, so happily by good weather, as if we had gone the other way through the streights. And although we sail'd on very fast, yet the wind was uncertain, for one arose after another, so that we had three several winds that night and day, viz. first, *Maistral* after midnight, which lasted until morning ; then the *Betsch*, that blew from south-west very violently, in *Latin* call'd *Africus*, which lasted till night ; then follow'd

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follow'd the *Ponente*, which bloweth from the west towards night, which commonly ariseth upon the coast of *Africa*, as the old seamen observe, and we found it

*Sept. 14.* so ourselves, on the day of the Holy Cross, not without trouble or danger; for as the seamen kept that day, and according to their old custom discharged three great guns, the *Betsch* arose immediately with very great violence, so that the waves swell'd very high, and the ship was toss'd about from one side to the other, and did rock us so, that if we had not held ourselves, we could not have kept our places, as did happen to some of our company that did not observe this, and were strangely tumbled about in the ship, and forc'd to creep on all fours to their places again. This wind began to remit towards night, when the *Maistral* began to blow. With this *Maistral* we went on, and

*15.* came so far, that on monday the 15<sup>th</sup> of September early, we did make the island *Candy*, and soon after another, now call'd *Cerigo*, anciently *Cythera*, near to the *Morea*. That day we had very good weather, and it was so calm that we could reach no further than to the point of *Candy*. Thus going on, another wind arose, blowing from south-east, call'd *Sirocco*,

*16.* and in *Latin*, *Vulturnus*, which was contrary too, and hinder'd us very much, so that we were forced to sail upon one side, to weather the point from one side to the other; when we came to the side of *Creet*, and our patron would neither land in *Candy* nor in a little island call'd *Legofia*, we turn'd on wednesday towards *Africa*. Some while after, a very great tempest arose, with thunder and lightning, so that we had work enough with our sails, and to rule the ship that it might take no hurt; and we sailing thus against the wind, that it might not cast us back, this made us more work than the rest, for the waves went against us so vehemently, that when we were mounted to the top of a wave, we seem'd to look down thence into a deep and dark valley; then down we went again with such a fury, that we thought we should descend to the bottom, which continued almost till the next morning. And although the tempest had thrown us a good way back, yet in a little time we got so far forward

forward again, that we could descry *Candy*, and the little island *Legofia*. Just then we spy'd two ships, one a bark, ten miles off to the left, and the other a great ship going to *Africa*.

After we were thus gone along by *Creet*, we came Sept. 18. on friday just over-against the city of *Candy*; it came to be so calm and so warm, that we could hardly perceive we were come above three or four miles. We going thus slowly, some of our company jump'd out into the sea to wash themselves; but the mate of our ship run a fish through with a long spear for that purpose, call'd *Lisba*, and so pull'd it out; this was delicately colour'd, and very pleasant to look upon; his back was blew, and his belly white and glisning, above a yard long, of a tender flesh, and very good to eat: This seems to have been a *Tunny*.

Just over-against it is a monastry of *St Francis*, in which is a very good Apothecary's shop, and a delicate garden, fill'd with strange and useful plants.

There is also not far off a good and safe port, call'd *Calisme*, where we would willingly have taken in water, but because it lay thirty miles before us, and the wind, *Sirocco*, contrary to us, began to blow again, and hindred us in this enterprise; we steer'd on saturday towards the south, that we might reach it the next morning.

About noon, when we turn'd again to the *Porto*, we saw another ship on the left, and because we did not know how to trust her, we look'd to our great guns, of which we had thirteen, and got them ready, and also the rest of our arms, &c. But the longer we look'd upon the ship, the farther we perceived her go from us. When we came within twelve miles of the port, and hoped to make it, the wind changed, and the *Tramontana* blew from the north vehemently; so we went on in our right course to the islands *Calderon* and *Christiana*, so that on monday we pass'd the furthest point of *Creet*, call'd *Caput Salomonis*, where we saw on the hight another island, situated fifty *Italian* miles from *Rhodus*, call'd *Scarpantos*, and also *Carpathos*, where night befel us. But when we expected to go forwards with this wind, we lost

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*Sept. 22.* lost it, and it changed into *Græco* again, contrary to us, and so we could not go on farther, but were forced to cross up and down and to weather the point. On Monday we saw a ship that came directly down upon us, wherefore we went to meet her, and put our flag at the top of our main-mast. But when we came nearer we knew her to be a *Marsilian*, called *Santa Maria de Lacura Bursa*, they did send out one of their boats to tell us, that they came seven weeks agone from *Tripoli*, and that they wanted biscuits very much, and therefore desired us to let them have some of ours, to which we willingly agreed, and let them have what they would, and so they were very well pleased. While this was done, a good wind arose again, serving us both, called *Tramontana*; so that we could go forwards and they homewards, and so we parted. Then our master ordered three guns to be discharged, which they answered with two, so we went on, and lost sight of one another in half an hour's time.

*23.* Here is to be observed, that of the four cardinal, and four side winds, five were for us; for we could go on as well with the *Tramontana* and the *Midi*, called north and south, as with the three other, called north-west, west, and south-west, and so we had three contrary ones, *Syrocco*, *Levantino*, and *Græco*, which were contrary to us in our going; during this wind we went on with such speed, that on the 24th of September in the evening we saw the great island *Cyprus*, five hundred miles beyond *Candy*. But because we had steered too much on the right, we were forced to spend all that night and the next day before we could come to *Cyprus*. The same morning we saw the high mountain *Libanus* in *Syria*, two hundred miles distant from us, and so at night we got into the harbour of *Salamine*: Here is made the best bay-salt that is in the world. Here we also discharged three guns, for joy of our safe arrival, and some of us landed, together with our master, to take in water, and to enquire after our friends and acquaintance. No sooner were we landed, but we met with two travelling *Turks*, with an *Italian* that understood their language: They spake to us by their interpreter, and conducted us to their Colonel, who was encamped near

near the market-place of *Salamine* upon a hill, where one might see a great way off into the sea. After an hour's walk we came in sight of him, and saw about thirty tents, and amongst them his also, where we saw some curious tapestry spread, and him sitting in the midst, with a delicate white turbant, and a long red lined *Caban*.

He held in his hand a long iron, like a grater we use to grate bread withal, only it was a great deal smaller : The *Turkish* persons of quality have generally such irons in their hand in the summer-time ; which they put in between their back and cloaths to scrach their backs when they itch : About him sat some more gentlemen bended down, and others kept centinel without his tent, with guns and scymiters well provided. Amongst the rest there was one of a good presence covered with a *Tyger's* skin, that held a great iron club in his hand. Upon his desire we went to him, with the usual reverences, according to their custom, bending our head and the whole body downwards, and laying the right hand upon our breasts : Our master also pulled off his shoes, went in, and sate down with the rest before him : But we two set ourselves down without upon two seats that were brought us. Then the Lord began to ask our master, by his interpreter, from whence we came, how long we had been a coming, what merchandizes we had brought, and whether we designed to make any sale there ; which questions our master answered. Then he began to enquire after news : viz. whereabout the *Spaniſh Armada* was at present, and how strong it was reputed ; whether the King of *Spain* had made any leagues with other princes ; and how the King of *France* did agree with his *Hugonots* ; how strong the city of *Rochelle* was, and whether the King took it by violence, or whether they submitted themselves voluntarily. After this conference had lasted for half an hour, he dismifled us with great civility, giving us leave to go about our affairs. So we went off with the usual ceremonies, and went the same evening into the market of *Salamine*, to enquire after our friends ; but we found this market-town, and also all the neighbourhood so strangely spoiled, that there were but very few whole houſes standing. But being

being that we found none of ours, nor having any business there, we returned to our ship. I found nothing by the way but a few *Caper-bushes* with some *Paliurus's* and *Kali*.

*Sept. 26.* After our men had filled water enough out of the well by the harbour we went aboard the ship again, hoisted up our sails, and departed in the night. But in going thence for *Tripoli* we had for the most part contrary winds, which hindred us so much, that we did not arrive there until the last day of *September*. Thanks, honour, and glory be to the Almighty God, that mercifully did protect us from all dangers and mischiefs, and brought us safely into this harbour.

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## C H A P. II.

*Of the famous city of Tripoli, of it's fruitful neighbourhooe and great trade: And also of the splendid baiks, and other manificent buildings to be seen therē Their ways of making Rusma, Pot-asbes, Soap, &c.*

**B**EFORE *Tripoli*, near the sea-shote, we saw five castles like high towers, distant from one an other about a musquet-shot, where some Janisaries are kept in garrison, to cover the ships in the harbour (which is in some measure surrounded with rocks) and to defend that custom-house, and the several ware-houfes (where you may see all sorts of goods brought from most parts of the world) from an hostile attempt or assault: but after the sun was set, and night began to approach, we made what haste we could to the town, which was an hour's going distant from us. Some *Turks* went with us no otherways armed but with good strong cudgels, which, I was told, they commonly carry to keep off the wolves called *Jacals* (whereof there are a great many in these countries that are used to run, seek, and pursue after their prey in the night). While we were a talking of them some came up pretty near us, but as soon as they saw us they turned and ran away. When we came to the gate

gate of the town we found it shut up, wherefore one of our friends, that met us to make us welcome, called to some *Frenchmen* that were in their inn, in their language called *Fondique*, which is near the gate, and reacheth quite to the wall of the town, and desired that one of them would take the pains to go to the *Sangiacho*, to desire him to let the gate be opened to let us in, which they were willing to do. But in the mean time that we staid before the gate, another that was an enemy to our friend ran also away, and bespake some *Turks* and *Moors* to set upon us, which they were very willing to do, and came with all speed through another gate that is never shut, along the wall to us, fell unawares upon us, struck at us, and took hold of us, chiefly at our good friend, for whose sake all this was done ; others drew their scymiters upon us, so that I thought we should have been all cut to pieces. While this was a doing the gate was opened, and some *Frenchmen* and their Consul himself came to our assistance, and spoke to these fellows, earnestly exhorting them to desist, and to let the cause be decided by the *Sangiacho* and *Cadi*, which at length they did. So we came after this unfriendly welcome in the crowd into their *Fondique*, where we remained all that night. The Consul was very much displeased at this, considering that such-like proceedings would be very troublesome to them, wherefore he made great complaints and enquiries, until at length he found out who was the author thereof.

The next morning we went to our friends houses in order to stay a while with them : In the mean time we walked sometimes about in our own cloaths to see the town, which is situated in the country of *Syria*, called *Phoenicia*, which reached along the sea-shore to *Berithus*, *Sidon*, *Tyrus*, and *Acon*, as far as the mountain of *Carmelus*. The town *Tripoli* is pretty large, full of people, and of good account, because of the great deposition of merchandizes that are brought thither daily both by sea and land : It is situated in a pleasant country, near the promontory of the high mountain *Libanus*, in a great plain toward the sea-shore, where you may see abundance of vineyards, and very fine gardens, enclosed with hedges for the most part, consisting chiefly of *Rhamnus*, *Paliurus*,

*liurus, Oxyacantha, Phillyrea, Lycium, Balaustium, Rubus,* and little *Palm-trees*, that are but low, and so sprout and spread themselves. In these gardehs, as we came in, we found all sorts of fallating and kitchen-herbo, as Endive, Lettice, Ruckoli, Asparagus, *Seleri*, whose tops are very good to be eaten with salt and pepper, but chiefly that sort that cometh from *Cyprus, Taragon* by the inhabitants called *Tarchon*, Cabbages, Colliflowers, Turneps, Horse-radishes, Carrots, of the greater sort of Fennel, Onions, Garlick, &c. And also fruit, as Water-melots, Melons, Gourds, Citruls, Melongena, *Sesamium* (by the Natives called *Samsaim*, the seeds whereof are very much used to strow upon their bread) and many more; but chiefly the Colocasia, which is very common there, and are sold all the year long: I have also found them grow wild about rivulets, but could never see either flowers or seeds on them. I found also without the gardens many Dates and white Mulberry-trees, which exceed our Aspen and Nut-trees in height very much; and also Pomgranate-trees and Siliqua, which the Grecians call *Xylocerata*, the Arabs, *Charnuby*. Also Olive and Almond-trees, and Sebesten, the fruit whereof are to be had at Apothecaries shops by the same name: *Poma Adami Matth.* But in great plenty there are Citrons, Lemons, and Oranges, which are as little eaten there as Pears or Crabs here. Between these gardens run several roads and pleasant walks, chiefly in the summer, for they afford many shady places and greens, where you are defended from the heat and the sun-beams: And if passing through you should have a mind to some of the fruits, you may either gather some that are fallen down, or else pull them from the nearest trees without danger, and take them home with you.

Without at the sea-shore, near the old town of *Tripoli* (which together with many more, as *Antiochia, Laodicea, &c.* in the year of our Lord 1183, was so destroyed by an earthquake, that nothing but a few marks remain) there were more spring-gardens, which some of the Merchants still remember. But these were a few years agone by the violence of the seas so destroyed and so covered with sand, that now you see nothing there but a sandy ground, like unto the desarts of *Arabia*. Yet at *Tripoli* they

## Chap. 2. *into the Eastern Countries.*

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they have no want of water, for several rivers flow down from the mountains, and run partly through the town, and partly through the gardens, so that they want no water neither in the gardens nor in their houses.

The new town in itself is of no strength, for it is so meanly walled in, that in several places in the night you may get in and out: But within there is a citadel situated upon an ascent near the water, where a garrison of a few Janisaries is kept. They have low houses ill built and flat at the top, as they are generally in the East, for they cover their houses with a flat roof or a floor, so that you may walk about as far as the houses go; and the neighbours walk over the tops of their houses to visit one another, and sometimes in the summer they sleep on the tops of them: And so it may very well be, that the four men (of which we read in St *Mark*, chap. ii. and St *Luke*, chap. v.) that carried the paralytic man, and could not come to C H R I S T because of the crowd of people, did carry him on the tops of the houses, and so let him down through the roof into the room where our S A V I O U R was. They have not great doors, gates, or coming-in from the street as we have in our country, except some few Merchants houses, because they use neither waggons nor carts, wherefore they have only a little low door, sometimes not above three foot high, so that you cannot go into them without stooping. In a great many houses the coming-in are so dark and deep that one would think he were going into a cave or cellar, but when you are come through this entry into them, you see, in some, great court-yards wherein are cisterns to wash themselves in, in others large halls paved, and therein some ascents that go up two or three steps, paved delicately with marble, which they keep very clean, and adorned with rich tapestry, whereupon they sit, and this is covered with a large arch left open at one side, that the *Turks* may, chiefly in the summer, sit underneath them very airy.

Their doors and houses are generally shut with wooden bolts, which are hollow within, and they unlock them, with wooden keys about a span long, and about the thickness of a thumb, into this key they have driven, five, six, seven, eight or nine short nails, or strong

C

Wires,

Wires in such an order and distance that they just fit others that are within the lock, and so pull them forwards, or shut them backwards as they please.

The streets are but narrow, paved with broad stones, and have, chiefly those that are great roads, a channel in the middle of them about ten inches broad, so that a laden Camel may walk in them with ease, or that a man may step over them, which they say are made that the laden Camels or Asses, &c. that daily arrive in great caravans, may be obliged to walk in them one after another, in good order, that people may walk in the streets without being disturbed by them. And that these channels may be kept clean and dry, they have in some places some hidden drains covered with broad stones, that as well the rain-water as that of the wells may run away through them.

They cannot brag of any fine buildings, save only the *Mosques* or temples, into which no *Christian* must come, except he hath a mind to be circumcized, and so turn a *Mammeluk* or *Renegado*: And also some great houses by the natives called *Champ* or *Caravatscharas*, (*Caravanseries*) wherein are a great many shops or ware-houses, and chambers by one another, as is in stately cloisters, in the middle thereof there is a great court-yard, where the strange Merchants (that daily bring their merchandizes in great caravans) do inn, considering that the *Turks* keep no other inns.

The inns commonly belong to the *Grand Seignior*, or his *Bafha*, which they build in several towns to get themselves a yearly revenue, as the *Venetians* do in *Venice* out of the *German* house.

Besides these buildings they have also hot-houses or *bagnios*, which are so glorious and sumptuous, that they far exceed all their other buildings in beauty, wherfore they are very well worth seeing. And because the *Turks*, *Moors*, and *Arabs*, &c. according to their *Mahometan* laws, are bound to bath themselves often, to wash themselves clean from their manifold sins which they daily commit, but chiefly when they are going to their *Mosques*, therefore they have their hot-houses always ready, and keep them warm and in an equal heat, with a very small charge, and with far less wood than one can

can imagine, all the week long, both by night and by day. They have under-ground a large and deep vault, like unto a large cellar, which is every where very close, and it hath no more but two air holes, one on the top about three or four inches diameter, and the other below which is a great deal larger, where they put in wood, or, for want of it, pieces of peat (which they make out of Camels or Goats dung, &c. and also out of the dregs of the pressed grapes); these are so dry that the great heat melts them just like sea-coals or turf, which are burnt in the Low-countries, and other places where they have not plenty of wood: And these give so great a heat that it warmeth the whole vault quite through. And yet this vault is so close made that you do not perceive the least smoke nor vapour, although it is sometimes very hot. But that the fire may not decay, there is one on purpose to attend it, that flings on as much fuel as is necessary to keep it. These hot-houses (which according to the custom of the ancient *Greeks* and *Romans* are magnificently built) have, near to the entry, a delicate hall, which is curiously paved (as also is the whole bath) and set with marbles of all colours very artificially, and a great *Cupole* at the top thereof, which is covered with an arch in shape of a ball or globe. Round about the walls are broad benches made, where the people put off their cloaths; wherefore this first part of the bath (whereof the ancients had five) was called *Apodyterium*. In the middle of the baths is a fine fountain, where they sprinkle every one that goeth out of the bath with sweet water, and also wash the bathing-cloaths that were made use of in the bath, which they afterwards fling up upon lines that are hung at the top of the vault, two or three fathoms high, with an admirable certainty, and spread them out with a long pole, with one stroke (that they may dry the sooner) so even, as if it were done with hands, which no body can see without admiration; when they have a mind to make use of them again, they take them down with the same sticks that are ready stuck up about the fountain. These are wrought finely with all sorts of colours, whereof they give two to every one that goeth into the bath, or *bagnio*, two others when he cometh out, one to put upon his head, the

other to put about him in the manner of an apron. When you will go in the hot-house you must go through two or three chambers, whereof one is warmer than the other (which each of them are covered with round arches) until you come into the great room, these arches are full of round holes all about, which are made in such order, and set with glafs so curiously, that they do not only make them very light, but give also a fine ornament to them. In the great bath are several great marble vessels which they let the water into ; round about the great room, there are three or four small chambers, which they keep chiefly for persons of quality, where they may wash themselves apart from others without any disturbance. Besides these there is still another room where there is a very great marble trough, in which every one may wash himself after his sweat ; there are several pipes laid in it, that you may temper your water according to your own desire. All these rooms are heated with the same fire, and the *Turks* and *Moors* (which two nations have almost the same religion and ceremonies) go into them very frequently ; but chiefly the women, which flock to them in great numbers, for they never meet any where else, but here, and at the graves of their relations ; wherefore they keep these sumptuous buildings (the like whereto are hardly any where else found) in very good repair. As soon as you come into the hot-houle, and are grown a little warm, one of the servants (which are generally black *Moors*) meets you, and lays you backwards down upon the floor, and stretcheth and snaps all your joints after such a manner that they crack again ; then he kneeleth down upon your arms, which he puts upon your breast one over the other, and holds them so for a good while together with his knees, then he bendeth forwards and stretcheth with both his hands (keeping you still like a prisoner under him) your head upwards. (So it happened once, when some of us went in together, and were treated by the *Moor* after this manner, that he sprained the neck of one of my companions, so that he could not turn his head in several days after it) when this is done he turns you round upon your belly, toucheth and stretcheth your joints again in such a manner,

as if he did malax a plaister ; at length he stands upon your shoulder-blades, and bending himself down, he rubs you all over your back with his hands, then he lifteth you up, and goeth away. Then when you lay your self down to rest you, or to sweat, he maketh a paste, to take off your hair (for they wear no hair upon their body, saving only their arm-pits) he taketh quick-lime (by the *Arab's* called *Rils*) and a little *Sarnick*, (*Arsnick*) that is, Orpiment, powders them, and mixeth them with water, and anoints your hair with it, and looks very often after it, until he finds that the hair begins to come off, then he washeth it perfectly off again, before it can hurt you;) when this is done, he takes a fine white cloth, dips it in soap-fuds, and rubs your whole body over with it. The before-mentioned cloaths are white like unto cotton, but the threads are harder, which the pilgrims bring with them from *Mecca* : Being made of the bark of trees that bear *Bdelium*, and they make ropes of them, as also of the fibres of the leaves of *Palm-trees*, and of the covering of the fruit of the same tree, which is of the bigness of a Wall-nut, by putting it on a distaff, and so spinning it out.

*Lafly*, They wash peoples heads, and mix sometimes with their lees (chiefly for women) an ash-coloured earth called *Nalun*, which cleanseth the head, and makes the hair grow long. They have also another earth called *Jusabar*, which the women eat frequently, so as breeding women in our country use to eat sometimes coals or other things. These their baths, are as free to strangers as *Germans*, *French*, *Italians*, &c. as to *Moors* and *Turks*, but they must have a care not to come into those where the women are, if they will not run the hazard of their lives. But that you may know where the women are, they commonly hang a cloth over the door towards the street, that if any man should intend to go in there; when he seeth this he may find himself another entrance.

Further concerning their traffick, there are in the town (because there is there a very great deposition of all sorts of merchandizes, that are brought thither from great distances) a great many merchants, chiefly *French*

and *Italians*, which have two wife, understanding, and grave Presidents, of which the one that liveth here is a *Frenchman*, and the other at *Aleppo*, a *Venetian*, called Consuls, to assist their countrymen with good counsel. They are sent thither by their government, and confirmed, and have great privileges given them of the *Turkish* Emperor, to let the Merchants with their commodities lodge with them, and to defend them against any assault of the *Turks* and *Moors*, that they may trade and deal without disturbance. These Consuls were still their usual habits, made of red fattin, velvet, or damask, &c. very richly adorned; and they bring along with them Taylors, Shoe-makers, but chiefly their Physicians, Apothecaries, Barber-Surgeons and Ministers, &c. and have besides them their Interpreters, skilful in the *Turkish* and *Arabian* language, chiefly the Consul of *Venice*, because he must stay there but three years, when they are expired the *Dogue* sends another in his place. When the new one is arrived at *Tripoli* he dare not go on shore, before the other gives him a visit of reception in the ship.

To these two Consuls there are given two large buildings, called by them *Fondiques*, situated near two gates of the city, which lead towards the haven and the sea-shore, that they may the easier send their goods in and out. There are all day long a great many *Moors* with their Asses, that stand waiting for an opportunity to conduct Merchants and Seamen with their goods in and out. These two houses are large, and have abundance of vaults and chambers, so that there is room enough to lodge both Merchants and their goods.

With the *French* are also lodged, those from *Genoa*, *Florence*, *St Luck*, *Germans*, *Dutchmen*, &c. as also with the *Venetians* those of *Candia*, *Corfu*, &c. that are under their master's jurisdiction. These *Fondiques* have no more than one large gate, where Janifaries keep watch: When their masters, the Consuls go out, they are accompanied with a multitude of Merchants and their servants, and they are in great authority with the *Turks* and *Moors*, even beyond the *Bajbaw* himself; They always take along with them their Janifaries, which go before with great and long cudgels, and beat the

the people out of the way, even the *Turks* themselves.

The Merchants have daily great conversation with the *Jews*, for they know a great many languages, and the prizes of all merchandizes, how to buy and to sell them; wherefore they always help to conclude bargains in merchandizes, pay the money and give bills of exchange, wherefore they have their brokerage. I have seen chiefly three sorts of their silver coins, *viz.* *Aspers*, *Medin* and *Saijeet*, which are very good, and pass thro' all *Turky*. When great sums are paid, they do not tell the whole, but only part of it, and weigh it, and so take the rest proportionably by the same weight. Of gold coins they have only ducats which are made of fine gold, and are very limber: Besides these you hardly see any other coins but *Venetian Ducats*, *French Testons*, *Joachims Thalers*, of which they have so many, that they often do not only pay with them great sums and their bills of exchange, but turn them also into their own coin. So that there is abundance of *Jews* throughout all *Turky* in any trading-town, but chiefly in *Aleppo*, and in this town of *Tripoli*, where they have built a very large habitation, and a delicate synagogue. These *Jews* have the revenues of customs of the *Grand Signior* in their hands, so that nothing can be brought in or out, but it must go thro' their hands, which is very troublesome to the Merchants. Those that buy any thing of them, must have a special care, that they be not cheated, for they are full of it, insomuch as they confess of themselves, that no body can get any thing by them, except he will be a greater *Harmani* (that is cheat) than they, that dare to sell Wall-nuts for Nutmegs or Myrobolans.

Concerning the merchandizes: If one will see several sorts of goods they are to be found in the *Carvatsharas* or *Champen*, whereof I have made mention before, but chiefly in the *Batzaren* or houses where they buy and sell, or exchanges. These exchanges are wide and long, and partly arched, partly covered with timber, that you may walk and trade there without being wetted, they have shops on both sides, which are also kept by handicrafts and tradesmen, as Shoe-makers, Taylors, Saddlers, Silk-embroiderers, Turners, Copper-smiths,

Cutlers, Woollen-drapers, Grocers, Fruiterers, Cooks, and many more, which are very orderly distributed and placed in their several streets and places. They also drive a great trade in silk, and there are a great many that deal in nothing else but silk, which is convey'd thither from the adjacent places; for mount *Libanus* is inhabited by a numberless people, that live by spinning and working of silk, but chiefly they of *Damascus*, where is such plenty of silk, that a Merchant may quickly lay out in it many thousand ducats: Because of the great abundance of white Mulberry-trees (by the natives called *Tut*) which grow there so high and large, that they have plenty of leaves to feed their silk-worms: But the Mulberries thereof are white, and they carry them about in baskets to sell to ordinary people. So there is in the *Batzars* many silk-workers, which make all sorts of embroidery, as purses, buttons, and girdles or sashes of several colours, which they tie about their loins; these are at work before their shops, that every one may see them. When they work, or tie two threads together, they hold their work oftener with their great toe, than pin it to any thing, and the same do the Turners, (which fitting to it) hold their turning irons as well with their toes as with their fingers. Further, at a certain time of the year there is brought from *Damascus* and other adjacent places, to these *Batzars*, so great a quantity of large and well-tasted Cibebs, a kind of Raisins, having but one or no stone, that several ship loads are sent from thence to us. These and the like goods are daily brought and found in their *Batzars*, as rare tapestry and delicately wrought silks with flowers and roses of several colours, some of which look like pure gold. But of all the tradesmen there are not so many of one sort as of them that only deal in Soap and Potashes, for of these ashes (besides Soap) several ship-loads are yearly sent from thence to *Venice*, which they use for making of Glaze as well as Soap. These ashes are made chiefly of a herb, called by the *Arabians*, *Schivan*, whereof there are two sorts, which amongst others I have pasted upon paper; one whereof is not unlike to our little *Kali*; it is a thick and knotty plant, with several small sprigs growing out of it, which have several

veral full buttons at the top, and underneath small pointed leaves, just like the lesser *Kali*, as I said before, tasting somewhat sharp, the leaves thereof are underneath white, and on the other side of the colour of ashes. The other sort becometh also many stalks, which are full of knots like our *Equisetum*, and underneath them appears a woody and ash-coloured root.

Both these herbs grow thereabout in great quantities, and are burnt into ashes upon the high mountains, in burning thereof there settleth an oily matter underneath towards the bottom, which united with the ashes is almost as hard as a stone when it is cold: at the top thereof a part of the ashes remains unmix'd and loose, therefore it is not so good as the rest. These ashes are brought down from the mountains upon Camels backs by the *Moors*, to some Merchants that drive a great trade with them, for partly they send away into foreign parts, and partly they make soap of them, some more, some less, according to every one's capacity and pleasure. The way they make their Soap in *Syria*, I am informed, is this, *viz.* They take commonly twelve hundred weight (or twelve centners) of these ashes, which in the summer they divide into eight, and in the winter into four parts, because the Soap is sooner boiled up in winter, for the heat being then included by the outward cold is more vehement than in summer. Of this they take first one part and make it into a good sharp Lye, which they pour into a very large kettle or caldron made of stone, with a large bottom made of a copper-plate, and very thick, wherein they have before put sixteen hundred weight of Sallet-oil, and let it simper for twenty four hours, pouring daily in more Lye of another part. But before it is quite boil'd up (which in winter requireth perhaps five days, and in summer nine or ten) they take an hundred weight of quick-lime, and mixing it with the ashes, draw a Lye from it, which they put two days before it is quite enough into the caldron, more or less, according as they find it thick or thin. But if it should happen, that there should be too much of the Lye in the kettle, they have a cock coming out of the copper-plate, whereby they let out as much of the Lye as is convenient

venient. When it is almost boil'd up, they take out, with a copper kettle that holds eight or ten pounds, the thicker part of the soap that swimmeth on the top, and pour it upon the floor, which is cover'd with lime or chalk beaten to powder; let it lie there for one day in winter, and two days in summer, and it grows so hard that they can walk over it; then they make it smooth, cut it into square pieces, and put their mark upon it.

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### C H A P. III.

*Of the Turks of high and low conditions, men and women; of their employments, offices, manners, customs, cloaths, as much as I could at Tripoli, during my abode, understand, see and learn thereof.*

THE city of Tripoli is, as well as a great many more of the adjacent towns and provinces, subject to the Turkish Emperor, wherein he hath his officers, as in all other places, that they may be ruled according to his pleasure, and protected from all assaults and dangers. Such superiors are by them call'd, *Sangiachi* or *Bashaws*, which we may render State-holders, which have several hundred horse-men under their command, more or less according to the revenues of the provinces that are committed to their care. These are brave and experienced soldiers, that lead their men out into the fields several times in the week to exercise them, the horse-men in riding, and the foot in shooting with bows and arrows, which have their several marks done upon high poles, to shoot at in their running; that if there should be occasion they may be ready to take the field presently to fight their enemies. These *Sangiachi* have other captains and commanders under them, of which the *Soubashaws* or Judges are the chief; these are placed by him round about in the adjacent places, to officiate for him where he cannot be present. To such places are commonly call'd the Burghers or Citizens of the same

same places, and they continue no longer than half a year. By them are examined all criminal matters, and they have power to examine and put to the torture all malefactors, to make them confess their crimes. They also accompany the malefactors, that are sentenced and condemn'd by the *Cadi*, to the place of execution, to see the sentence duly executed ; so I have seen them often to ride along, but chiefly at one time with a poor malefactor condemn'd to die, who was carry'd on a camel's back, ty'd with his back to a cross, with his arms extended, to the place of execution ; and between the cross and his shoulders were put two burning torches, prepared with bacon, so that the grease run all over his body, and burnt it severely. The *Turks* have also for several crimes, whereof there are a great many, their several punishments ; as for thieves and murderer, the gallows ; for traytors, impaling ; and for them that kill a man, beheading, &c. and so they keep a great many servants, which they send out every where to bring to them any that are suspected to have transgressed the laws, by beating or wounding one another, which happens very seldom, by stealing, or murdering, or adultery.

For any other transgressions besides these, the *Turks* are brought before other magistrates, call'd *Cadi*, which are to understand the laws, and to judge, and to pronounce sentence after they have examin'd the witnessess : If it be for debt, they are immediately cast into prison until they pay, or find out any other means to make up the debt. But if it be for transgressing the laws, they are severely fined or else punish'd with blows. Wherefore also their *Cadi* keep several men and spies, which they daily send out, to find out any that transgressed the laws in drinking of wine ; in not going to prayers frequently ; in not strictly observing their fasts, or in transgressing the laws any other ways. If they find any, they summon them before their *Cadi*, who punishes them according to their default, with a pecuniary mulct ; or if they have no money to give, he sentences them to receive a certain number of blows upon the soals of their feet, and besides pay half a penny for each blow. Being that a great many of such transgressors are daily brought

brought before him, whereof the greatest part receive blows, it causeth so miserable a howling and crying, that we might plainly hear it in the *French Fondique*, which is just over-against it ; and although the *Cadi* is very much troubled with such transgressors, yet matrimonial causes take him up a great deal more time, because all that will marry, must come to him, and make their agreements and contracts, which are consign'd into his books ; partly that they may have them to shew, if any differences should arise between them, (seeing that the *Turks* and *Moors* have several wives, and are divorced again for a small matter) and partly that they may give them copies of their contracts upon their marriages, which they write for ordinary people upon smooth and plain paper ; but for others that are rich, upon a piece of white fattin, about a yard long. These their contracts they comprehend in a few words, and draw them up so short, that they scarce contain above eight or ten lines a piece, at least two inches distant from one another. For this purpose they keep several clerks, which oftener write upon their knees, than on desks or tables. These *Sangiacks*, *Soubashaws* and *Cadi's*, of which I have made mention before, and also their wives go very richly cloathed with fine flower'd silks, artificially made and mix'd of several colours. But these cloathes are commonly given them by those that have causes depending before them, (for they do not love to part with their own money) to promote their cause, and to be favourable to them ; for they are so very covetous that, where there is nothing given them, there they do but little ; for the *Bajhaws* and *Sangiachi*, which under the *Grand Signior*, rule kingdoms and principalities, know very well that they must rule but three years in the same place ; for as soon as their *Sultan* commands them, they must go to another place, perhaps far distant from that place. Wherefore they always strive after honour and riches, that they may either by gift or favour be by the court promoted to greater authority and office ; or else if that cannot be obtain'd, they may at least lay up in the mean time such riches, that they may be able to maintain themselves after the same greatness as they did before.

When

When I lived there, a new *Sangiack* was promoted into the place of the old one, who made his entrance, follow'd by his *Saphi's*, and was honourably received by the town. His train confiscted most in horse, and archers with arms and shields very well stored ; they also had drums and kettle-drums, and other musical instruments, &c. their sabers or scymiters were for the most part tipp'd up a great way with some gilded metal, and very smooth and shining, and so were their stirrups, that at a distance they made a great glistering.

All these officers love to be look'd upon, as if they perform'd their office with great integrity, and yet they are so addicted to covetousness, which is the root of all evil, that, for gifts or bribes, they let the false depositions of those that out of spite accuse the innocent to pass for good. Therefore it is a very easy matter for any one, that would be revenged of his enemy, by way of a small present, to bring him into great trouble and costs. The *Soubashaws* are of the same stamp, for they do not at all stick to punish, for lucre sake, the innocent, chiefly if they be rich and strangers ; their men are very well skill'd in these affairs, to find one trifl or other against them ; and because their time is also but short, therefore they make all possible speed to grow rich ; and this so much the bolder and opener as they need not fear their *Sangiack*, nor *Bafshaw*, for they wink at it, as being sharers of the prey, that receive their dividend weekly. In short, let one have committed never so much evil, if he giveth but money to them all is well, and he is as good again as ever he was before. Seeing that many, chiefly in law suits, are wrong'd by them, therefore higher judges, call'd *Cadileschier*, are set over them, to punish them for their rogery ; these are esteem'd by the *Turks* to be the principal teachers of the Mahometan faith and laws ; they are generally grave and understanding men, before whom are brought all intricate causes and appeals to be decided, and they have power to punish these and other officers, but chiefly the *Cadi's*, and to put them in and out, according to their behaviour, wherefore they often take their circuits from town to town, to

see how the *Cadi's* execute justice ; wherefore they are very much afraid of their coming, and if they know themselves guilty of any misdemeanor, they often times run away. If they are complain'd of by the people, they are presently punish'd with many blows, put out of their places, and if the crime be great, they are after beheaded, strangled, burnt, or otherways executed ; and this happeneth very often in these countries. But if one or more that were also wrong'd by the *Cadi*, could not stay till the arrival of the *Cadileschier*, to make their complaints to him, they have another way, that is, to make their complaints to the *Porte* or the Emperor's court, or else to go themselves and make their complaints in person, where they are speedily heard (for such causes, as I am inform'd, are heard certainly once in fifteen days) and righted. If any be poor he is maintain'd by the court until his cause is ended.

Such a cause did formerly happen to an interpreter of the *Venetian Consul*, who being very well to pass, a *Soubashaw* did strive to make booty of him ; but not being able to prove any thing against him, whereby he could make him punishable, he found at length a way, and got one of his servants to hide a common whore in the interpreter's house, unknown to him, that he might have sufficient cause to accuse him. This being done, the servants of the *Cadi* broke into the house, and searching it found this whore, and put him into prison. The interpreter, notwithstanding he pleaded his innocence, and that he was totally ignorant of the fact, could not satisfy the *Cadi* by any means, but was condemn'd by him in nine hundred ducats, which he was forc'd to pay. This troubling the interpreter, he could not brook this unjust imposition, being an experienc'd man, well skill'd in their laws, wherefore he took horse immediately, unknown to the *Cadi*, for *Constantinople*, where he made his complaints to the court himself so well, and with that success, that he was declared innocent and not guilty of the fact. But as this court usually doth severely punish those that do commit injustice, so this *Cadi* did not escape ; for within a little while after the *Turkish Emperor* sent to him a *Chiauf-bashaw*,

*bashaw*, which may be compared to an executioner, with a little note, the contents whereof were to send him his head by the bearer, which frightened the gentleman very much ; but yet, after, by a peculiar favour, he had taken his leave of his wife, submitted himself to it. This is the reason, that many ill intentions and designs, chiefly if one summon'd the other to appear at the court before the Emperor, are stopt and drawn back, which else would have taken effect and been gone on withal.

If a man appeareth before any *Turk* that is a person of quality, he must have especial care, that chiefly in departing he do not turn his back side towards him, for this is accounted the greatest incivility and affront that can be given throughout all the *Turkish* dominions. Nay if a servant appears before his master to ask him forgiveness of his faults, he useth peculiar ceremonies ; first he submitteth himself, and sheweth his master all respect imaginable, then he taketh, with his knees bended, his master's hands to kis them : If his master lets him have them freely, he is in good hopes that his master will grant him his request, but if not, but draweth them back, although he maketh several profers towards them, he knoweth certainly that he is still out of favour, and that there is but small hopes of obtaining his intention.

They love that one should bear a great deal of honour and respect towards them, for they know that their masters the *Sultan's* power hath for a long time past, not been decreasing but always increasing ; wherefore they take very much upon themselves, and are alwayes richly cloathed, and ride delicate horses, well adorn'd with stately accoutrements, with embroidered saddles, and saddle-cloths of scarlet, velvet, or other silks, the bridles and stirrups well garnish'd with silver and gold.

They commonly speak in the *Turkish* language (and so do all that lie about in garrisons) which is a very manly one, and sounds in proper pronouncing much like unto our *German* tongue ; but they also, generally are expert in the *Arabian* tongue, which is the common one there to the whole country, and goeth through many provinces.

vinces ; for you meet there with many *Arabians*, *Syrians*, *Jacobites*, &c. Christians and Heathens, to whom this speech is common.

The *Turks* have also some very fine manners and customs ; they are affable, they begin their discourse, chiefly to relations and acquaintance, with a friendly salutation and kissing ; but they are also lazy, and do not esteem the liberal arts and sciences, love idleness better than labour, for you shall see them spend a whole day in the game of chess and other games, and in playing on their (*quinterns*) guittars, which have three, five, seven, and sometimes eleven strings, as I have seen them with the musicians of the *Bashaw* of *Aleppo* several times. They commonly play only with their fore-finger, or a piece of a quill, they walk about with them in the streets, chiefly the soldiers, all day long, and so use themselves to laziness and leachery, and contaminate themselves with all sorts of terrible and chiefly sodomitical sins, which by them, because both high and low are equally guilty thereof, are not at all punish'd.

They love to wear good cloaths of light colour, but do not care they should cost them much ; their upper garments, which hang down very long before, set with buttons, under which they wear other coats instead of doublets, which (commonly those of the soldiers) are made of blew cloth, somewhat shorter before than behind, with white sleeves, and without collars about their neck, and so are their shirts, which generally are wrought of cotton, and cut about their neck as wide as their cloaths. Instead of bands they wear neck-cloths, which they wrap about their naked necks, to defend them from the violent heat of the sun. They also, chiefly in the summer, wear white and wide cotton drawers, which reach to their ancles, and are much narrower below ; to them they have no cod-pieces, which they do not suffer others to wear, that they may wash, without hindrance, their private parts, feet, arms, necks or any other parts, to cleanse themselves as often as their laws shall direct them. These drawers they tie about their middle with some strings or bands about their naked body, and let their shirts hang down over them.

When

When they have occasion to make water, they untie their drawers again, sit down and cast their cloths round about them like women, turn themselves from the south, to which they turn when they are going to pray. If they see a man make his water standing, they immediately conclude him to be a Christian, and none of their faith. They commonly sit with their legs laid one over the other, which they do every where in the east, wherefore they have neither chair nor table, but instead thereof, they have a paved place, two or three steps high, which is arch'd over head, which they keep very clean, and cover it with tapestry, or serge, or matts finely twisted with several colours, according to their ability; wherefore to save them, the *Turks* pull off their shoes and leave them at the chamber door. Their shoes are like unto those our lackies use to wear, and like slippers easy to be put on and off, they commonly are of a white or blew colour, painted before, underneath defended with nails before, and with horse-shoes behind; these are worn by young and old, men and women, rich and poor. Besides these they also wear sometimes wooden shoes, which are to be sold every where; they are about three inches high, and in the middle underneath carved out, to distinguish the soals from the heels, painted with several colours; the same wear the women, which have almost the same garments with the men, and have also drawers, which sometimes are so long that they hang out before their coats; they are commonly made of fine cotton of several colours, and laced at the sides. You very seldom see any *Turkisb* women either in the streets or in the markets to buy provision, or in their churches, where only the chiefest of them come, and that but seldom, where they have a peculiar place separated from the men. They have also in their houses secret places and corners, where they hide themselves immediately, if any body should come to see their households. When they go abroad, which is very seldom, you see three or four of them together with their children, which are all one man's; for according to their law they are allow'd to take as many as they can maintain. Their faces are all cover'd with black vails, whereof some

are of fine silk, and some of horse-hair, which the poorer sort wear ; and over their head they put some white scarfs made of cotton, which are so broad that they not only cover their heads but their arms and shoulders, they look in them almost like our maids, when, to keep themselves from the wet, they put a table-cloth or sheet over their heads. But because the *Turks* are very jealous, therefore their wives seldom meet in the streets or markets, but only in the hot-houses, or when they go to visit the tombs of their deceased parents or relations, which generally are out of town near the highways. When they go thither, they take along with them bread, cheese, eggs, and the like to eat there, which was call'd *Parentalia* by the *Latins*, just as the Heathens used to do in former ages ; and sometimes they leave some of their cheer behind them, that the beasts and birds may eat it after they are gone ; for they believe, that such good bestow'd upon the beasts is as acceptable to God as if it were beflow'd on men. Their graves are commonly hollow cover'd at the top with great stones, which are like unto children's bed-steads in our country, which are high at the head and feet, but hollow'd in the middle ; they fill them up with earth, wherein they commonly plant fine herbs, but chiefly flags ; they also put some green myrtles in little air-holes that are round the tombs ; and they are of opinion, that their relations are the happier, the longer these remain green and retain their colour : And for the sake of this superstition there are in several places of the town myrtles to be sold that stand in water, that they may remain fresh, which the women buy to stick up at the graves of their relations. Their burying-places are always out of town near the highways, that any body that goeth by may be put in mind of them, and pray to God for them, which is the reason that so many chapels are built about their burying-places, that people that go by, chiefly the relations of the deceased, may go into them to pray to God in their behalf. When any of them dieth, they wash him, and put on his best cloaths ; then they lay him on a bar or board, and strow him with sweet smelling herbs and flowers, leaving only

his face bare, that every body may look upon him that knoweth him, as he is carry'd out. If it be a *Tschelebi*, that is, a noble person, they put his helmet and his other ornaments at his head ; his friends and acquaintance, which go before and follow the corps, keep no order, but hang upon one another, as if they were fuddled, and go merrily and shouting along to the grave ; as also do the women, who come behind and hollow so loud that you may hear them a great way off.

## C H A P. IV.

*A description of the plants I gather'd at Tripoli.*

CONSIDERING that I undertook this journey into the eastern countries, not only to see these people, and to observe their manners, &c. but also, and that principally, diligently to enquire and to search out the plants that were growing there ; I cannot but shortly describe those I found about *Tripoli*, during my stay there, and will begin with such as grew on the sea-shores, which were *Medica marina*, *Gnaphalium marinum*, *Leucoium marinum*, *Juncus maritimus*, *Peplos*, *Scammonium Monspeliacum*, which the natives call *Meud-heads* ; but *Rhafis* in his book *ad Almans.* call'd it *Coriaria*, *Braffia marina*, which spreads it's roots above the sand for some cubits round, and has instead of round leaves rather square ones. A kind of wild white lillies by the *Latinis* and *Greeks* cal'd *Hemerocallis*, which did not only grow on the sea-shore, but also in islands thereabouts in great plenty, with a great many others, which I forbear to mention here, being common. Behind the custom-house, near the harbour, I found in the ruins of the old walls that are left of that city, *Hyscamus*, and hard by it in the sand an herb not unlike unto *Centabrica secunda Caroli Clufii*, saving only the stalks and leaves which are woolly. But the *Ricinus* groweth there above all in so great plenty, that you can hardly make your way through it ; the inhabitants call it still by it's old *Arabian* name *Kerva*.

If you turn from thence to the high-way towards your right hand, you see the *Tythimalus Paralius*, and also a kind of *Conyza Dioſc.* out of one root there spring up several stalks, whereof some grow upright, but the greater part of them lie down upon the ground, and so shoot new roots, which afterwards sprout out into new stalks; it beareth long olive-leaves, which are thick, fattish, and somewhat woolly, and have a strong and equally sweet smell; for the rest, as the flowers, it is very like unto the great one. You find there also the greater and lesser *Medica*, which the *Moors* to this day call *Fasa*. Likewise so great and many *Squills* that the inhabitants weed them up, chiefly those that grow near their gardens, and fling them up in high heaps like stones. There also groweth *Securidaca minor*, *Tribulus terrestris*, by the inhabitants call'd *Haseck*, and a kind of *Echium*, which groweth by the way as you go to St James's church, which from thence is situated upon an ascent a mile's distance. Hereabouts, and in other adjacent places, groweth a great quantity of sugar-canæ, so that there is yearly sold a great many sugar-loaves that are made thereof. These are as high and big as our canes, and not much differing from them, but within and down towards the root, where they are best, they are full of this pleasant juice, wherefore the *Turks* and *Moors* buy a great many of them, being very pleasant to them to chew and eat, for they are mightily pleased with sweet-meats, whereof they have variety. Before they begin to eat or chew them, they stript off the long leaves and cut away what is tasteless, so that only the juicy and good remaineth, which is hardly two foot. Of the thus prepared canæ they carry many along with them through the streets, and cut off one piece after another, skale them, and so chew and eat them openly every where in the street without shame; for they are, principally near the root, very tender, and feel as mellow between your teeth as if it were sugar itself. So the *Turks* use themselves to gluttony, and are no more so free and courageous, to go against their enemies to fight, as they have been in former ages. The sugar canæ do not grow there from seeds, neither are they propagated by the root, but by the canæ themselves,

whercof

whereof they lay into the ground some green pieces of two or three joints long, and that they may grow the sooner, they bore pretty large holes in between the joints; when they begin to grow, they sprout out in the joints, and grow up into great canes, and so bring in good profit.

There also by the rivers are found *Anthilis Marina*, *Vifnaga*, the first *Apocymum*, and *Oleander* with purple flowers, by the inhabitants call'd *Defle*, and a delicate kind of *Scabiosa Melisra Maluca*, and if you go to the gardens, you see *Heliotropium majus*, *Corvolvulus folio acuto*, *Vitis nigra*, *Phaseolus Turcicus*, with yellow flowers, which still retain the ancient name of *Lubie*, *Lysimachia lutea*, and wild vines call'd *Labruscae*, whereon nothing groweth but only the flowers, call'd *Oenanthe*; and also a shrub like unto the *Polygonus* of *Carol Clusius*, which climbs up into high trees, and hang down again from the twigs; and I verily believe they are the same with *Ephedra*, whereof *Pliny* maketh mention in the seventh chapter of his twenty sixth book.

When I went farther, with an intention to consider the plants that grew in the country, first came before me some *Sycomores*, whereof chiefly *Dioscorides* and *Theophrastus* make mention, and tell us of two sorts; and when I call'd these things to mind, I light of one of the second sort of *Sycomores*, whereof abundance grow in *Cyprus*, wherefore these wild figg-trees might be call'd, the one the *Cyprian Sycomore-tree*, and the other the *Egyptian Sycomore-tree*, according to the places where they are most frequent and fruitful. I found a great many of them: the *Moors* and *Arabians* call them *Mumeitz*, they are as great and as high as the white Mulberry-trees, and have almost the same leaves, but they are only somewhat rounder, and are also whole at or about the sides; they bear fruit not unlike to our figg-trees, only they are sweeter, and have no little seeds within, and are not so good; wherefore they are not esteem'd, and are commonly sold only to the poorer sort of people; they grow in all fields and grounds, as you may see by the words of the second book of the *Chronicles* ix. 27. *And the King made silver in Jerusalem as stones;* and

*Gedar-trees made he as the Sycomore-trees that are in the low plains in abundance.* Zacheus did climb upon such a one when he had a great mind to see our Saviour. *Essaias also maketh mention of them in his ninth chap. vers. 10, and Amos in his seventh chap. vers. 14,* where he saith of himself : *I was a herds-man, and a gatherer of Sycomore-fruit.* These two sorts are very like one another, in stem, leaves, and fruit, only as the fruit of the one comes more out of the great stems and great twigs, so that of the other does the same, but not out of the stems and twigs immediately, but out of twigs or sprouts without leaves of the length of five or six inches, whereon they grow sometimes very thick, and in a bunch together. These trees bear fruit three or four times yearly, which are small, of an ash-colour, oblong, round, like Prunes, and are found upon the trees almost all the year long. Hereabouts also grow many thorns, whereof is made mention in Scripture, by the inhabitants call'd *Hauseit*, and by the *Arabians Hausegi*, but the *Latins call them Abamnus*; and also white Poplars, still to this day call'd *Haur* by the *Arabians*. There also groweth a great and high tree which beareth delicate leaves and flowers, pleasant to look upon, by the inhabitants call'd *Zensetacht*, but by *Rhabis* and *Avicenna*, *Astirgar*, & *Astergir*, and *Azadaracht*, whereof you see here and there several planted in the streets, to make a pleasant shade in the summer, the fruit thereof remaineth upon them all the year long, until they put out again a-new, for they are hurtful, and kill the dogs if they eat thereof.

Near the town upon the highlands, (where you see abundance of corn-fields, and abundance of pleasant Olive-trees, that reach quite up to mount *Libanus*) are found *Pollium montanum*, *Pecten veneris*, *ferrum equinum*, *Chamaeleon niger*, with it's sharp pointed and black roots and leaves, very like unto the leaves of *Carlina*, whereof the stalks are of a reddish colour, a span long, and of the thickness of a finger ; whereon are small prickly heads, of a bleuish colour, not unlike to those of the little *Eryngium*. Another fine plant grows thereabouts, call'd *Sathar* in their language, but when I consider it's beautiful purple-colour'd flowers, and it's small leaves which are

are something long withal, I rather judge it to be the *Hase* of the *Arabians*, or the true *Tbyme* of *Diosc.* which we call *Serpillum Romanum*. It hath as pleasant an acrimony as any spice can have, wherefore the inhabitants use it very much, whole or in powder, at home and abroad, with and without their meat, chiefly for to correct an ill digestion of their stomach. This herb is never found in our Apothecaries shops, they take another in it's room, which hath lesser and greener heads, and is rather the first *Satureia* of *Diosc.* brought from *Candia*. There are also two sorts of *Clinopodium*, whereof the lesser and tenderer (considering it's long stalks, leaves and flowers, which grow in good order, and at equal distances one over the other) may very well be taken for the true one of the *Diosc.* There are also *Ilex minor*, *Sabina baccifera*, *Terebinthus*, and many more.

In the town are found several strange plants; one called *Musa*, whereof the stalks are from nine to twelve foot high, which are smooth, and without they are inclosed in their leaves, and often quite surrounded like our reeds, of a fine shining green; at the top thereof the leaves spread themselves out, and look like a great bush of feathers, for they are very long, and so broad, that the biggest person may lie upon them with his whole body very well. These leaves have a rib in the middle, which keepeth them up straight, and so strongly, that although the wind breaketh them at the sides in several places, yet notwithstanding they remain upright. These trees bear their fruit no more than once, wherefore they are cut down, and so the root shoots out several other stalks about a foot distant from the old one, which grow up again, and bring forth fruit, which groweth on a thick stalk in great numbers; they are almost shaped like the *Citrus*, round and bended, only they are less, smooth without, environed with a thick rind, which is first yellow, but when they are kept a few days it grows black, it is easily separated when they are new; within they are whitish, full of seeds, sweet and good to eat; but they fill mightily, and are apt to grieve: Wherefore, (as *Theophrastus* mentioneth in the fifth chapter of his fourth book) *Alexander the Great* forbid his army to eat them, when

he went into the Indies. There groweth but very little of this fruit about Tripoli, but it is brought from the neighbouring places plentifully. We also find there another tree, not unlike unto our Privett, by the Arabians called Alcana, or Henne, and by the Grecians, in their vulgar tongue Schenna, which they have from Egypt, where, but above all in Cayro, they grow in abundance. The Turks and Moors nurse these up with great care and diligence, because of their sweet-smelling flowers, and put them into earthen pots, or wooden cases or boxes, to keep them in the winter in vaults from the frost, which they cannot endure. And because they hardly begin to sprout before August, they water them with Soap-fuds, but others lay lime about the root, to make it put forth the earlier, that it may flower the sooner, because of the pleasantness of the smell of the flowers, which is somewhat like musk: They are of a pale yellow colour, and stand in spikes of the length of a span, but not very close, so that leaves appear between them; their twigs are also of the same colour, whereof many are sent to us, to cleanse the teeth with, as it were with a brush, when they are bruised a little at the ends. They also, as I am informed, keep their leaves all winter, which leaves they powder and mix with the juice of Citrons, and stain therewith, against great holydays, the hair and nails of their children of a red colour, which colour perhaps may be seen with us on the mains and tails of Turkish horses. The powder is greenish, and so common with them, that you see in their Batzars whole bags full thereof standing before their shops, which come from Egypt and Africa, from whence whole ship-loads are sent through Turky, as I have seen myself in this harbour several, from whence the Turkish Emperor hath yearly a great revenue. The Arabians burn their Spodium out of the root thereof, as Avicenna remarks in his seventeenth chap. This being thus, it appeareth that there is no small difference between these two, ours and theirs; I am of opinion, that theirs (which is mentioned in the first chapter of Solomon's Song) is liker to that which Diocor. describeth, than our Ligustrum.

Thereabouts is also found within and without the gardens a peculiar sort of mallows, by them called *Cbetbince*, which is very large, and high, and, like other trees, spreads its woody twigs and soft boughs, that are covered with a brownish bark ; amongst the rest I saw one as big as a man's middle, the leaves thereof are of a dark green, long, and at the sides towards the point crenated; its flowers are rather bigger than other mallows, of a blew colour ; their seeds I did never see. Hard by I found another outlandish *Doschet* flower, which was almost decay'd, so that it had neither leaves, flowers nor seeds : It was about three foot high, the stem and twigs were hairy, hollow within as other stalks, of a green colour, inclining somewhat to yellow; which had at top many other shoots, each of them had behind like unto other tree-stems its proper joint. This is so juicy quite through, that it drops almost with milk, which is sharper than any spurge. I made great inquiry of them about it, but could have no certain account thereof ; but as it seemed to me, it is very like unto *Xabra* and *Camarounus* of *Rbafis* by the *Arabians* called *Tanaghut* and *Sabeam*, and may be taken, according to that author's description, for it.

Farther hereabouts, chiefly in the town upon the cisterns and conduits, I found *Adiantum*, by the Apothecaries called *Capillus Veneris*, and in old walls the *Apollinaris*. I also found in the shops in their *Batzars* two sorts of roots, whereof one was rounder, which may be the *Bulcigem* of the *Venetians*, which are called *Tbrafi* at *Verona*, where they grow (as the learned *Maltbiolus* testifieth) many of these are sent out of *Egypt* to *Tripoli*, and sold there, chiefly to eat in *June*, by the name of *Habel*, *Afis* and *Altzis*; this being true, and they being very like both in name and quality to the grains of *Altzem* of the *Arabians*, they must be the same, although *Rbafis* reckoneth these amongst the fruits. The other called by them *Hakinrigi*, and *Hakeuribi* is somewhat longer, not unlike to our *Doronicum* ; there is also a great many of them to be sold ; they are hard, of a sweetish taste, with a piercing bitterness, and in their bigness, and white nerves (which spread themselves under ground in the gardens round about like unto the wild

*Angelica*

*Angelita of Tragut*) so like to the *Haronigi Serapionis*, and to the *Durungi* and *Durunegi* of *Avicenna*, according to their description, and so uniform, that they must be taken for the same. Then I found also in their shops abundance of the seeds of *Symach*, whereof they make a red powder, to excite the appetite of the stomach. These and more strange and unknown simples I did find at *Tripolis*: But because it would be too tedious to describe them all, therefore I have only made mention of those that authors have describ'd.

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## C H A P. V.

*Which way I travell'd from Tripolis farther to the two famous cities of Damant and Halepo.*

AFTER I had rested for several weeks in *Tripolis*, and had observed that city, its building, and pleasant situation, and moreover the manners, customs, and habits, as well of the low as high ones, I propounded to myself to travel to *Aleppo*, which is almost the biggest, and the most famous trading city of *Syria*, which lies five or six days journey towards the north-east of *Tripolis*. And when I met with some companions to travel with me, we stored ourselves with provisons, viz. bread, cheese, eggs, &c. for our journey, and so set out of *Tripolis* the ninth of Novemb. Anno 1573.

By the way we met with a great deal of rain, which commonly begins at that time of the year, and continueth almost all the winter long; this kept us so much back, that we reached not to *Damant*, which is in the mid-way from *Tripolis* to *Aleppo*, before the fourth day. There we lodged in one of their great Champs, call'd *Caravanschares*, where we had a chamber assign'd us, in which we found neither table nor chairs, nor banch, nor bed, only upon the floor was laid a *Stroinatzo*, twisted of canes, which was to serve us instead of them all. There we bought in their *Bazzar* some viuals according to our pleasure, and staid there all

all night long. The town, which some take to be the old *Apamia*, is pretty big, and pretty well built ; it lies in a valley between hills, so that you can see nothing of it, the castle only excepted, which lieth on the hill, and guardeth it very well, before you are just come to it. Round about it there are many orchards and kitchen-gardens, which they water out of the river *Hafce*, which is pretty large, and runs thro' the town. The water they lift up with wheels, fix'd in the river for that purpose, that pour it into channels that carry it into the gardens, and so water them in the great heat of the sun, to refresh them. These gardens had been worth my seeing, but my fellow-travellers were in haste, and so we put on the next morning for *Aleppo*.

By the way we saw very good corn-fields, vineyards, and fields planted with cotton, which is brought from thence, and sold to us under the name of the place where it grew, and also silks and other goods that are bought there at the first hand. In these countries are a great many wild asses, call'd *Onagri*, the skins of them are very strong to wear, and as they prepare them, finely frock'd on the outside as strawberries are, or like the skin of the *Sepia*, or cuttle-fish, wherefore they commonly make their scabbards for their scymiters, and sheaths of their knives thereof. Their blades are water'd on both sides very subtilly ; they are made of good metal, well harden'd, and so sharp, chiefly those that are made in *Damascus*, that you may cut with them a very strong nail in pieces, without any hurt to the blade. They wear rather knives than daggers, which they tie to their girdles with finely wrought tapes, by their backs.

When we went on and came to the promontory of mount *Libanus*, we saw abundance of villages by the way, which for the most part are inhabited by Christians, viz. *Syrians*, *Maronites*, &c. with whom we did lodge sometimes over-night ; these entertain'd us very civilly, and gave us such wine to drink as grew on the mountains, than which I hardly remember I ever drank better. Amongst the rest of the villages we came to one call'd *Hanal*, lying high in a fruitful country, where,



where, as I am inform'd, in former days a very fine city stood, which is so desolated, and in proceſs of time decay'd to that degree, that in our days there is almost nothing left of it but a ſmall village, and here and there in the fields ſome ſmall ruins of old houses.

We went on farther between the mountains, where we ſpy'd a little town upon the hills, and above it a ſtrong castle, which it is ſaid the *French* did formerly build, that lieth in a very convenient place between the mountains, ſo that you muſt go just by it; but becauſe it is haunted with evil ſpirits and hobgobblins, it remaineth unrepair'd and uninhabited. We left it on our left hand, and came out into a ſpacious corn-field well till'd, where on our left we ſaw the town *Sermin* at a great diſtance, and near to it and about it, great woods of *Piſtacio*-trees, which are gathered there, and ſent to *Tripolis*, and ſo by the merchants to us: Some of them grow alſo near the high-ways, chiefly in the village of *Baflo*, where we ſtay'd all night.

In our way we found nine or ten Champs, call'd *Caravatscharas*: these are open inns, where the caravans and travellers go in, commonly towards evening, to ſtay there all night; they are free to any body, but you find neither meat nor drink there, if you will have it you muſt bring it along with you, and muſt be contented to lie upon straw, if you can have it, upon the lower wall, which goes round about the ſides, on purpoſe to give to horses, asses, and camels their food upon it. They are generally three miles diſtant from one another; they are large and ſtately, and as ſtrong in walls as castles, commonly built four-square, and have within a large yard, and round about it are ſtables which are quite open, just like cloifters. Some of them have a garrison of nine or twelve Janifaries, to keep the roads clean, and to protect the travellers from assaults of the inhabitants and *Arabiāns*.

When we had travell'd over ſeveral rough mountains, and came almoſt near to *Halepo*, we ſaw at laſt the city just like *Damard*, of the bigness of *Strasbourg*; at the gates we diſmounted, because in *Turky* no outlandiſh man hath liberty to ride thro' a city, and ſo we went into it, and I went into the *French Fundique* to take my lodgings, as all *Germans* uſe to do.

## C H A P. VI.

*Of the situation of the potent city of Halepo, of the buildings thereof, and also of the delicate fruits, and fine plants that grow there within and without the gardens.*

THE town of *Halepo*, which is the greatest and most potent in *Syria*, anciently call'd *Nerea*, is in some places well fortify'd with ditches and walls, only they are not quite round it, so that one may (the same it is with *Tripolis*) at any time of night go in and out; neither are the gates, as used in our country, chiefly in cities of account, beset with soldiers, but you will only see two or three waiting at the head-gates, where the highways go through, which are rather there to take custom, than to keep the gates, neither have they any arms. But in the middle of the city there is a castle on a high hill, which is strong, large, surrounded with walls and ditches, and well beset with a good guard. Concerning their other buildings, which are flat at the top, and cover'd with a sort of pavement, that one may walk on the tops of them, they are like unto them of *Tripolis*. Amongst the rest there is a very magnificent building, which they say hath cost a great deal of money, which hath for it's entrance a very low and small door, so that one must bend himself very low that will go into it, but when you come in, you find there delicate large halls, high open arches, very pleasant and cool to sit underneath in the summer, water-works, orchards, and kitchen-gardens, where among the rest was one of these *Ketmy's*: Besides these there was also some fine Mosques with steeples, which were round and small, but very high; some of them had a balcony at the top, like unto a garland, whereupon the waits are, and their priests go about at the time of prayers, to call people in. But for other stately buildings, that might be erected  
for

for the memory of some potent King or Prince, there is none.

Without the city they have here and there some country-houses; among the rest one built for the Turkish Emperor, at four miles distance from the city, where he used to be sometimes, chiefly when he is at war with the *Sophy*, King of *Perſia*, that he may presently affit his army in case of necessity; this is very large, but not built so stately as so great a monarch deserveth. In the great garden is a chapel built by the river that runs through it upon pillars, where the Great Sultan used to hold conferences with his Privy-counsellors and Vifier-bashaws. It happen'd in the reign of *Solyman the Great*, as the gardiner did relate to us, that when they were assembled, to consult whether it was more profit-able to him to suffer the *Jews* in his provinces, or to root them quite out; after every one had given his opinion, and most of them were of the opinion, that they ought not to be tolerated, because of their unsuf-ferable usury wherewith they oppressed his subjects; and after the Emperor had heard every ones sentiment, he gave them also to understand his, and that in this instance, *viz.* He bad them look upon a flower-pot, that held a quantity of fine flowers of divers colours, that was then in the room, and bid them consider whether each of them in their colour, did not set out the other the better; and that if any of them should decay, or be taken away, whether it would not somewhat spoil the beauty of the rest. After every one had heard the Sultan's opinion, and did allow of it to be true; the Emperor did begin to explain this, and said, The more sorts of nations I have in my dominions under me, as *Turks*, *Moors*, *Grecians*, &c. the greater authority they bring to my kingdoms, and make them more famous. And that nothing may fall off from my greatness, I think it convenient, that all that have been together so long hitherto, may be kept and tolerated so still for the future; which pleased his council so well, that they all unanimously agreed to it, and so let it remain as it was.

Without the city of *Halepo* are abundance of quarries, where they dig great free-stones of a vast bigness, almost

as white and soft as chalk, very proper for building : There are also about the town some walks or grotto's under ground, which are above an *English* mile long, which have the light let into them by holes made near the highway, so that a man must be very careful (chiefly at night) that he may not fall into them, or that he may not be trapann'd by the *Moors* that live in them in great numbers. The ground about it being very chalky, it causeth to the soles of our feet, chiefly at night, although one be very well provided with strong shoes, a very considerable driness and heat, as one may also see by the *Moors*, that, for the most part go bare-foot, which causeth the soles of their feet to be so shrifted, that into some of their crevises you may almost put your little finger. Yet notwithstanding that, *Halepo* is surrounded with rocky hills, and the valleys thereof are chalky ; they have no want of corn, as barley, wheat, &c. but rather it is very fruitful, and their harvest beginning commonly in *April* or *May* : But they have but few oats, and less grass or hay ; for the driness is so great, and it is so sandy, and the hills are so rough and full of bushes, that they make but very little hay. Wherefore they feed their cattel with barley, and with straw, which is broken in pieces by threshing waggons, that are drawn by oxen. The valley is also full of Olive-trees, so that yearly they make several thousand hundred weight of oil for to make Soap. There is also a great quantity of tame and wild Almond-trees, of Figgs, of Quince, and white Mulberry-trees, which are very high and big : *Pistacies*-trees, which they call *Fistuc*, are hereabout very common ; they have underneath very strong stems, which have outwardly an ashen-colour'd bark, and are adorned with handsome leaves of a sad green colour, like unto their *Charnubis*, and behind them grow many small Nuts like Grapes in clusters together. In the spring when they first put out, they send forth long shoots, which the *Moors* gather in great quantity for their fallad, and dress them as we do Asparagus. There are also abundance of delicate orchards, that are filled with *Oranges*, *Citrons*, *Lemons*, *Adam's-Apples*, *Sebester*, *Peaches*, *Morelloes*, and *Pomegranates*, &c. and amongst them you find sometimes Apples and Pears, but very few,

few, nor so many sorts, nor so big, nor so well coloured as ours. There grow many Myrtles, which bear roundish berries of the bigness of our *Sorbus* or Services, of a bleuish grey colour, very good to eat, which have white seeds of the shape of our jumping cheese-magots ; they propagate them diligently, because they are beautiful, and remain long green, to put about their graves. Moreover there are many *Sumach*-trees, which they plant for their seeds sake, which is much used by them ; but *Cherries*, *Amelanchier* and *Spenleny* I have not seen there, and very few Goosberries, or Currans ; *Weychseln* they have, but very few, wherefore they esteem them, and keep them choice, as a foreign plant, to shew them to others, and to present great persons with them ; this may suffice of trees.

Concerning their garden plants : those that are common, are Endives, Lettice, Keal or Coleworts, Colli-flowers, *Caulorapa Rauckelen*, *Apium*, *Tarcon*, whereof *Rhasis* describeth two sorts, one with long small leaves, by us call'd Taragon, and the other with broad leaves, which I reckon to be our *Lepidium*, by the inhabitants call'd *Cozirahan*. *Ravos Serap* ; or our common Hartichokes. But beyond all they plant *Colocasia* in such plenty as we do Turneps, whereof they have also great plenty. They are also very well provided with Horse-raddishes, Garlick, and Onions, which the inhabitants still call *Bossal*. Of Pumpions, *Citruls*, and *Cucumis anginus*, which they call *Gette*, they plant as many as they have occasion for ; but many more *Angurien* an Indian *Muskmillion*, or Water-mellons, which they call *Batiechas*, but *Serap*. *Dullah*, they are large, of greenish colour, sweet and pleasant to eat, and very cooling, wherefore they esteem them to be their best fruits ; but chiefly those, which have more red than white within ; they are very innocent and harmless, and keep so long good, that they sell them in their *Batzars* all the winter long. Moreover, there are three sorts of those plants which the *Arabians* call *Melanzena*, *Melongena*, and *Beudengian*, as ash-colour'd, yellow, and flesh-colour'd, which are very like one another in their crookedness and length, and like unto the long Gourds. There are two other sorts, which are call'd *Bathleschain*, viz. oblong

oblong and round ones, which are much bigger, of a black colour, and so smooth and glaz'd that they give a reflection. They eat these oftener boil'd (chiefly after the way which *Averrhoës* mention'd) than raw. Without their gardens are two other strange plants, which also (being they eat them commonly with others) may be reckon'd among the Kitchin-herbs ; whereof one is call'd by them *Secacul*, which I found about the town in shady places, and among trees, and in the corn; it's roots are of an ashen colour without, and white within, smooth, mellow or tender, of one inch thick, and one and a half long ; it hath instead of fibres, little knobs like unto warts, and a sweet taste, not unlike to our Carrots in stalk, herb or head, saving only the flowers, which are yellow ; the herb-women carry them strung upon strings about the streets to sell them. The other sort is also very plentiful, and is found in dry and rough places, which the inhabitants to this day, with *Serapio*, call *Hacub*, whereof he maketh mention in his 295th chapter, under the name of *Hacub Alcardeg*, whereof they cut in the spring the young shoots or sprouts, that grow round about it, boil and eat it as we do Asparagus, corruptly call'd Sparrowgrafts ; the whole plant is very like to our Carlina, only this hath bigger, higher and more prickly heads, whereon appear flesh-couleur'd flowers. It being that it is every way like it, and that also the root hath the same virtue, for if you steep it in water, and drink of it, it maketh you vomit and fling up : therefore I am of opinion, that without doubt it must be the true *Silybum* *Dioscorides* ; besides this there grow also in the road and on old walls such plenty of Capers, that they are not at all esteem'd ; they take these flowers before they open, and pickle them, and eat them for sauce with their meat. I had almost forgot another herb, which I found in their gardens, that beareth roundish smooth stalks about two foot high; the leaves are two and two equally distant from one another, and one above the other ; they are long, crenated at the sides, like unto our *Mercurialis*; between them sprout out in harvest-time yellow flowers, which produce long aculeated cods, which open themselves when they are ripe ; within them are six distinctions, and in each of them a

little black seed placed in very good order; the herb is of a sower taste, like Sorrel, wherefore it is to every body, chiefly the Jews, known, who boil the leaves thereof w<sup>t</sup> their meat to eat them; wherefore some take it to be *Olus Judaicum Avicennæ*, and others take it for *Cochchorum Plinti*, whether it be or no I suspend my judgment.

They have abundance of Pulses in these countries, which they feed upon, so that you see several in their *Batzars* which sell nothing else but them; Among the re<sup>t</sup> you will find abundance of *Phaseoli*, or Kidney-beans, little and great ones, very white; and many sorts of *Cicer*, which they call *Cotane*, and, with *Avicenna*, *Hamos*. Whereof they have as many as we have Pease in our country, and boil them for their daily food, and oftentimes they eat them raw, chiefly if they be roasted, till the outward shell falls off; they often call for them thus dressed when they are a drinking in their coffee-houses, and have them brought to table with cheese after their meals instead of preserves or fruir, as *Cibebs*, *Hasel-nuts*, and the like, for they eat very mellow, and have a fine saltish taste. They dress the *Orobus* after the same manner, which they call now *Ades* and *Hades*, but whether right or no I leave to the learned; they are somewhat less and rounder, and not unlike the Cicers in their colour, only that these are reddish and white, and the other white and yellow. These put me stile in mind of another strange plant, by the *Arabians* call'd *Mas*, whose leaves and cods are pretty like our *Phaseolus*; and the cods contain little round seeds, something less than our pease, of a dark green colour, and are so smooth and shining that they reflect again. *Serapio* maketh mention of them in his 116th chap. under the name of *Mes*. And *Avicenna* in his 488th chapter under the name *Meisce*; and the very learned and experienced Botanist, *Carolus Clusius*, calleth it, in his *Epitome* of the Indian plants, by the name of *Mungo*. The Turks love these Pulses very well, chiefly to eat them among their rice. So much I thought convenient to mention here of their Kitchen-herbs and fruits that grow in gardens and about *Aleppo*; of others that belong not to the kitchen I shall make mention hereafter.

In this city of *Aleppo* the Merchants buy great store of drugs, brought from several parts by the caravans; as *Rheubarb*, *Galbanum*, *Opopanax*, *Styrax*, *Laser*, *Sagapenum*, *Scammony*, &c.

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## C H A P. VII.

Of the bigg places and authority of Bashaws, what great courts they keep, and how they administer their offices; as also of their way of living, of their privileges, of their manners and conversation.

THE city of *Aleppo*, which some, considering the name and situation, believe to be the town *Chalibonitis* of *Ptolomæus* situated in *Chalibonitis*, is subject unto the Turkish Emperor, together with all the adjacent places, wherefore he keepeth a *Bashaw* in it, which is to rule it, and the whole province according to his will and pleasure. Now as the *Bashaws* are almost the chiefeſt and heigheſt under the Emperor, ſo they keep according to their ſtation and dignity their courts as great as the Princes do in our country, according as they have great or ſmall provinces. So they have under them their chief commanders, as *Sangiacks*, *Boluf-bashaws* and others, which are continually with them, go with them to their temples, or any other place where-ever they have a mind to go in great numbers, both on foot and on horſe-back, which by their ſeveral habits are to be diſtinguiſh'd, but chiefly the *Boluf-bashaws*, who as captains have an hundred Janifaries under them, which in costly cloaths, and high heads with feathers, run on foot like Jackies by their master. They have also beſides their court, as well as the Emperor himſelf, peculiар lodgings for their concubines, which they either have pick'd up here and there out of towns and countries, or elſe taken in time of war by ſea and land from Christians and other nations; wherefore they keep many eunuchs to attend them conſtantly. They take great delight in hunting, and go often ſeveral days journeys after it; if they take wild boars, they

give them to Christians, because they are by their laws forbid to eat them, which makes the *Turks* often to mock them in the streets, crying out and calling them *Chansir quibir*, that is, great Boars or Hog-eaters. Although the *Bashaws* are great persons, that command over cities and countries, yet they are reckon'd to be like others, but slaves to their master, that have nothing of their own that they can bequeath to their heirs or posterity after their decease, as our Princes can; because the Emperor, after their decease, taketh possession of all their visible estates, and allows only to their children an annuity; nay, if their Sultan commands them to go from one place to an inferior one, or to leave their dignity quite and clean, they must obey immediately, if they will not run themselves into greater inconveniences or dangers. This is the reason that such persons, though rich, seldom build great buildings, so that you see none in all the country, except it be a chapel, or a champ, which they build to be remember'd by. They rather keep their riches in gold and silver, which can be hid, and so secretly given to their posterity. They bestow but very little upon jacks, for they are too covetous, neither have they many workmen that are able to set them. These *Bashaws* being altogether for their own advantage, that strive to get wealth, their subjects must needs suffer very much under them, but chiefly strangers, that live there to traffick, as *Italians*, *French*, &c. whereby between them and the *Bashaws*, that mind their own and not the public good, arise often great differences, and they must have suffer'd great damage, if their sovereigns, to prevent these things, and that their subjects may deal securely, had not taken care to send them discreet and prudent men, which are call'd Consuls, endew'd with great privileges from the Grand Signior, to hear their complaints, and to protect them against any assaulters. It happen'd in my time, while I staid there, that great differences arose between the Consul of *Venice* and the new *Bashaw* who was sent thither instead of the deceased one, in the year 1575, the 6th of March, who came in to take possession with a great number of horse and foot. At his arrival, the Consul of *Venice* went, accompany'd with a great number

ber of merchants in great state, to meet him, to bid him welcome, and presented him with fourteen cloaths richly wrought of silk, desiring him to take his countrymen into protection, that they might trade and deal safely under him. The *Bashaw* looking upon the cloaths, behaved himself very unkindly, and thinking them to be very inconsiderable, he not only refused them, but answer'd the Consul very scornfully. So it often happens that these great persons come to differ, and pursue their differences so far, that at last it must be brought before the Emperor and his court. If they find that the *Bashaw* is in the wrong, he is immediately punish'd, not regarding his great authority, according to the default, either in money, or else, if it be a great crime, he must loose his life for it ; which is the oftner done, because they depend very much upon trafick, which bringeth the Emperor in yearly a great revenue. Yet notwithstanding they are punish'd so severly, sometimes the pride and ambition of the *Bashaws* is so great, that to uphold their greatness they will not cease to strive by any means after riches and very great wealth, which their subjects, not to speak of strangers, find daily, whom they squeeze and press, chiefly if they find them rich, to that degree, that they cannot come to any thing, nor thrive under them ; moreover they draw, after the decease of their rich subjects, for the most part the greatest share of what they leave, into their own purses ; so that such persons do not take pains, nor bestow any great cost to build their houses, or to till their grounds, as we do in our country. They have commonly in market-towns and villages low houses or halls, whereof many are so cover'd with hills, that you cannot see them before you are quite at them. When you come into them, you find neither chairs, nor stools, nor tables, only a couple of pieces of tapestry spread, whereon they sit after their fashion ; and instead of feather-beds, whereof they make no use at all, they have mats and quilts, which they fold together in the day, and hang them up in a corner, at night they spread them out again to sleep on them. They have no occasion for sheets to cover themselves as we do, nor for any towels neither, for instead of them they use long pieces of rags,

which they hang about their naked necks, or hang them at their girdles. We see sometimes in their houses, above all in the country, several strange shaped earthen vessels, which cover whole sides of the wall in their rooms, which their relations use to present them with at their wedding, which to please them, they use to put up, and to keep there, rather for their remembrance than to make any other use of them. In their kitchen they have very few utensils, perhaps a few pipkins, pans, and trenchers, for they boil all their victuals in one pot together, that their maids may not have many to cleanse, or to put up.

Concerning their cloaths : They bestow not very much upon them, although they be well to pass, for they love money so well, that they will rather spend a whole day in contending for a penny, than pay it willingly. Wherefore a man that will travel through these countries, must have his purse well stored, and keep it very close, that no body may know it's worth, but chiefly he must have a care of the *Jews*, who are not to be trusted, if you will escape great danger : They will not only do nothing for you without reward, but if they suspect you to have any money, they will endeavour to get it from you. Wherefore those that take a pilgrimage into the Holy Land, and go in pitiful cloaths, are not much troubled by them. The courtiers of the *Bashaws*, and amongst the rest chiefly the eunuchs and dwarfs, &c. whereof they have several, go in their taffety and fassin cloaths, which are long, and very well trimmed, wherewith their master furnisheth them, being gifts from others, which he distributeth among them. The Soldiers, *Spahees*, *Fanisaries*, &c, commonly have blew woollen cloaths from the court, and they live on their pay, that is, four, five, six, seven, or eight *Medins*, (which are about three farthings apiece) more or less (according as their places are) which are paid them daily, as well in peace as in war time : If they can get any thing else, by excursions and fighting from their enemies, it is well for them. The Soldiers commonly wear white turbants on their heads, and so do all *Turks*, and put painted paper underneath them, chiefly when they go into the war, believing if they wear them they cannot

cannot be hurt nor wounded. On their turbants they commonly wear cranes feathers, that others may believe them to be valiant soldiers, and that by their number people may guess that either they have been in so many campaigns, or else killed so many *Christians*. Besides these turbants the *Tanisaries* have also hats with high crowns, called *Zarcellus*, made of white felt, which they wear instead of helmets, when they are in waiting, or go out to the war; these have before, on the forehead, a gilded sheath, set without with granats, rubies, *Turkey*-stones, and other jewels, yet of no great value, wherein they put their feathers. They and also other *Turks* and *Moors* let no hair grow upon their heads, but as soon as it grows they shave it again, only behind they keep a lock, which hangs down a pretty way; they let their beards grow now, which they used formerly to cut off, so that now for some years they have worn huge great mustachies. In war times they carry musquets, and in peace, chiefly when they are in waiting, their long poles. They are also allow'd to marry, and besides their wives, to keep any they take prisoners in war, or else to sell them to any body. When they are at home they are lovers of wine, and when they can come at it, that no body sees them, they will drink more without mixture than any other nation; but in time of war, when they are in expedition, they can live very sparingly, and will march all day long before they will refresh themselves. Yet to speak the truth, these and almost all Soldiers, because they are as well paid in peace as in war, are no more so ready to take the field, and to change a quiet life for a troublesome one, or a secure one for a dangerous, as they have been in former ages, being used to laziness for a great while together. Besides the power and strength of the *Turks* is reckon'd much inferior to that of the *Christians*, for we are better arm'd with muskets and pikes, to keep them off at a distance, that they may not be able to come in with us to club-law, and so over-power us; for if their enemy doth not give way at their first on-set, they turn their backs and run away. But that notwithstanding all this, we gain nothing from the *Turks*, but they

rather from us ; the reason is, not to mention our manifold transgressions, rather our great divisions and contentions, which hinders us from going out with such an army as is necessary, and we might otherwise do. Wherefore the *Turks* come out the bolder, to frighten and to plague us, and make use of all sorts of stratagems to amuse us, or to draw us into an ambush by pursuing them, and when they think we are almost tired, they fall upon us with a multitude of fresh men, to surround and to beat us. Nor do they value it, if they loose one regiment or another, because there is enough of them, and they know how to have in the room of the slain others again, that will be very glad to accept of it, because of their pay that they receive daily of their Prince out of his provinces. It being then so that he doth not only maintain his own provinces, but rather gains others, and enlarges his dominions daily, we ought to be very careful ; for the more he increaseth the more we are in danger. Thus he taketh one town, country, or kingdom after another with his sword, as we have seen hitherto in *Europe*, not to mention any thing of *Asia*, not without great detriment and damage to all Christians. So he cometh daily the longer the nearer to us, that at length we must expect no better than *Greece*, *Thracia*, *Servia*, *Bosnia*, *Hungary*, and *Wallachia*, &c. which are brought into slavery, under which some persons of quality still groan to this day. So I found at *Aleppo* an ancient Queen of *Wallachia* with her sons, whereof the youngest was born after the King his father's death, who is maintain'd by a very small allowance from the *Turkisb* Emperor. She is a very discreet woman, and well skill'd in the *Turkisb* and *Arabian* languages. Her subjects still hope for her, that God Almighty will restore her to them again, that so their slavery may have an end.

After the *Turks* have obtained a great victory, they lift up their hands, thank and praise God, and the prophet *Mahomet*, God Almighty's dearly beloved messenger ; and pray farther, that God may send differences and quarrels among us ( that are against the book *Fugilis*, as they call it, that is the book of the Gospel) that the magistrates may quarrel with the subjects, and the

the Clergy with the Seculars, that from thence may arise such disorders, that we may go on to transgress the laws of God still more and more ; that our belief in *Messias* may be extinguished, and that all good orders and policies may be dissolved : So that God may take from thence occasion to make them farther our punishers to afflict us. And when they see that the rich men oppress the poor, that the magistrates do not protect the just and innocent, but that the chief and heads do strive to ruin one another, then they rejoice at our misfortune and misery, and do not fear us in the least to do them any mischief (which might easily be done if we were unanimous) but rather threaten what mischief they will do us.

When the *Turks* have taken a strong town, or a whole country by the sword, that they may keep them the easier in subjection without a great garrison, pains, or danger, they demolish the places that are not very strong, and send away the nobility and chief persons, which otherwise might do them a great deal of mischief ; and in the room of these they bring in *Sangiacks*, with their soildiers, to keep the strong places, and to take care of the Emperor's revenue. So that in these places there is no nobility, that come from any ancient races, and have their own estates hereditary and descending from heir to heir : Which one may also suppose when he considereth that the law of *Mahomet* alloweth to those that adhere to it, to have four wives at a time, besides concubines or slaves as many as they please : I will say nothing of the liberty they have to divorce them upon any small occasion, and to take others in their room ; from whence flow such disorders and uncertainties, that very few children know who are their parents, and so there is but little love shewn between them as one may easily suppose. And this is no disgrace to them, but rather reputed to be an honour, because they conclude from thence that those that keep many wives, behave themselves diligently according to their laws : Wherefore they sooner trust them, prefer them before others, in places and salaries, and esteem them to be true *Tschelebiis*, that is, noblemen. Although these and other *Turks* have several wives, that are not all equal in their birth and

extraction, yet they all have in family affairs their equal share and power,) and they all are equally provided for with meat, drink, cloaths, &c. and they have also their work and busines equally among them : And that because they bring their husband no portion, but he must rather buy them from their Parents, sometimes for a considerable sum of ready money, and give them cloaths and other necessaries to boot : wherefore the matrimonial tye (which they call *Chebia*) is more in the power of the husband than the wife, so that he may marry one three times and reject her again ; but farther he must not go, except he will be accounted a scandalous base fellow : As you may perceive by the words of the *Turkish* Emperour *Bajazet*, which he did send to *Temyry*, who is also called *Tamerlane*, saying, that he had better to take a wife again after he was three times divorced from her, than to go to war with him ; which scornful language he might well have forborn : for *Tamerlane* did not only beat him in a cruel and bloody battle, but took him prisoner, and carried him about in an iron cage like a wild beast of the forest.

But that I may return from whence I digressed, the marriages of the *Turks* are never look'd upon to be ratified before they are married by one of their priests. Their wives must agree together, and live peaceably and amicably, and must not resist their husbands, except he maketh inequality among them : If any should appear (which happens very often) they do not forbear to complain of their husband to the *Cadi* or Judge. So that daily very strange transactions (which are not strange to him) come before him : If so be that the husband is convicted, and the wife absolved, they are divorced immediately in the same hour.

The *Turkish* women are pretty handsom, and well shaped, very civil in their discourses, and other behaviour. When any of them is married, and carried to her bridegroom's house, their relations go along with her, that are invited to the wedding, and begin to make a noise immediately in the streets, and extol their voices more and more as they go along, that you may hear them a great way off.

The

The *Turks* that are of some condition, and rich and able men, have at their weddings several diverting shews; in the day-time they have dancing, running, actings, singing, jumping, and leaping, and dancing on the ropes, &c. After sun-set, and at night, they let off rockets, and fire-works of several sorts, made artificially. These are let off in publick and open places, that every one may see them, and they last often till break of day. The rope-dancers have three ropes one above the other, whereof the uppermost is the longest; upon every one of them they have their peculiar lessons, which they perform exactly and dexterously, with dancing, jumping, running, gesticulating, going upon stilts, &c, which is pleasant to look upon. Their children when they are married, soon forget their parents, they dare not see them again in a great while, nor do they desire to do it.

When they have children born, they do not justly circumcise them on the eighth day, but let them be 8, 9, or 10 Years old, until they can make their confession: There are some, chiefly among the *Arabians*, that imitate their patriarch *Ibmael*, who was not circumcised until the thirteenth year of his age. It is commonly performed in the house of their parents. If rich mens sons are circumcised, they make a feast, and roast a whole entire bullock, into his belly they put a wether, and into his belly a pullet, into the pullet's belly an egg, and so they roast them all together, what remaineth they give to the poor. When the children grow up, and begin to go, they cloath them in loose flying coats of fine stuff, woven of several colours, which are pleasant to look upon; and they put upon the heads of those that are not yet circumcised, coloured caps, which are wrought with flowers, and very common to be sold in their *Batzars*. After they are circumcised, they begin to wear white turbants, which are made of cotton, and rolled about their caps after a peculiar manner, and are commonly twenty yards long.

They have still another strange custom, which young and old, men and women, use in these Countries, viz. They make a thin paste of galls and calcined copperas, (to beautify themselves, and to keep their eyes

eyes from rheum) with it they blacken their lips, and make a ring round about their eyes, in the same manner as our ring-doves have about their necks. These paintings they have had anciently, and some of them they have prepared of *Stibium* or Antimony : Of these paintings of the eye we read in several places, chiefly (that I may not mention others) in the 23d. Chap. of *Ezekiel*, the 40th verse, where the Lord says by the prophet, *And lo, they came, for whom thou didst wash thy self, paintedst thy eyes, and deckedst thy self with ornaments.*

Concerning the education of their youth : They only learn in schools to read, and to write the *Arabian Alphabet*, the characters or letters whereof are common both to the *Turks* and *Arabians*, although their languages are very differing : Besides these, there are other schools, wherein the young men are instructed in the Emperor's laws, and those that go on in their learning, and take it well, are soon called to high offices, as *Cadi's* and *Cadilefchiers*. But in liberal arts and sciences, such as we teach in our countries, they are not instructed, for they have not only none of these learned men, but esteem learning of these sciences a superfluity, and loss of time ; they rather love old rhimes and ballads that speak of and commend the mighty deeds of their ancient Emperors, and other Champions ; or other fancies that make foreign nations, or any of their enemies, ridiculous : And such things they put either themselves into rhimes, or else hear those that have been put into rhimes by others already, which they say daily with peculiar actions, out of town in pleasant greens, (were also other diversiments are performed with singing, dancing, leaping, &c.) So that they are rather pleased with the reading of these frivolous silly writings, than to learn arts and sciences : Which you may evidently see, in that they do not esteem, nor will admit of that Noble Art of Printing Books, that might inform them in any thing : Which the clerks, whereof there is a great number up and down in the cities, like very well, because they daily take a great deal of money for the writings of their prophet *Mahomet* and others, which maketh them generally very rich, and wear greater turbants than

than the rest, that they may be distinguished from others. Their paper is generally smoothed and glazed, and they comprehend their letters in very few words : When they will make them up, they fold them up until they come to be no broader than an inch, the outward crevise of the paper they fill all along with wax within, and so glue it as it were to the other, or else they take any other paste made for that purpose, and so imprint their name upon it with their seal that is done over with ink, so that nothing remaineth white but the letters : These seals are generally made at *Damasco*, where the best artists live that cut in steel, and they put nothing more in it but their name. They do not make any use of paper that is writ on, although they have great quantity thereof, neither to put things up in, nor for any other use, and yet if they find any of it in the street, they do not let it lie, but take it up carefully, fold it together, and put it into the next crevise they meet with, for they are afraid that the name God may be written on it : Instead thereof the Grocers make use of great leaves of *Colocasia*, whereof they have great store.

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## C H A P. VIII.

*Of the great trading and dealing of the city of Aleppo ; as also of several sorts of their Meats and Drinks, of their Ceremonies, and their peculiar way of sitting down at Meals.*

Having heretofore treated of the buildings and situation of that excellent town of *Aleppo*; and of the customs, manners, and offices of the *Turks*, as much as I could apprehend of it, I cannot but speak, before I leave it, of the dealings and merchandizings that are daily exercised there, which are admirably great. For great caravans of pack-horses and asses, but more camels arrive there daily, from all foreign countries. viz. from *Natolia*, *Armenia*, *Ægypt*, and *India*,

India, &c. with convoys, so that the streets are so crowded, that it is hard to pass by one another. Each of these nations have their peculiar *Champ* to themselves, commonly named after their master that built it, viz. *Champ Agemi*, *Champ Waywoda*, *Champ Abrac*, *Sibeli*, *Mahomet's Bagshaw*, and which are kept for them, that they may make them their inns, and live in them, and to keep or sell their merchandizes according to their pleasure. So among the rest of the nations there are *French-men* and *Italians*, &c. which have also there their peculiar buildings (which, as is before said, are called *Fundiques*) wherein some live together, and others (chiefly the *Italians* that are married) live without in lodgings; they have very small habitations, and live sparingly like the *Turks*. In these *Champs* you may meet with several sorts of strange merchandizes, before all in *Champ Agemi*, where you have all sorts of cotton-works, viz. handkerchiefs, long fillets, girdles, which they roll about their loins and heads, and other sorts, by the *Arabians* called *Moscellini* (after the country *Mosfoli*, from whence they are brought, which is situated in *Mesopotamia*) by us *Muslin*; with these do the *Turkish* gentlemen cloath themselves in summer. There is delicate tapestry, artificially wrought with all manner of colours, such as are sometimes brought over by us. From *Persia* they bring great quantity of an unknown *Manna* in skins, by the name of *Trunshibil*, which is gathered from a prickly shrub, called by the *Arabians*, *Agul* and *Albagi*, which is the reason that it is mixt with small thorns and reddish chaff. This *Manna* hath grains something bigger than our *Coriander-seeds*, so that, to all appearance, it is very like unto our *Manna*, which we gather from the *Larix*. It might also very well be taken to be the same that the *Israelites* did eat, had not God the Almighty fed his people and maintained them miraculously and supernaturally. But that it falls upon thorns, is also attested by *Serapio* and *Avicen* in those chapters where they treat of *Manna*, which they call *Theceriabin* and *Trangibin*, and that very learned and experienced Botanist *Carolus Clusius* saith the same in his Epitome of *Indian* plants. I found some of these shrubs that grew about *Aleppo*, which were about a cubit high, which

which shoot out into several roundish stalks, and divide and spread themselves from the stem into several sprigs like unto a flower (part whereof were quite over-grown with *Epithymum*, as *Thymus* used to be) and had abundance of long thin and soft prickles, from whence grew out flesh-coloured reddish flowers, that bore small red cods, very like, and of the same shape with the cods of our *Scorpioides* (whereof I have found many at *Marseille*) wherein are seeds of the same colour. The root thereof is pretty long, of a brown colour, it's leaves long, like unto those of *Polygonum*, of an ash colour; those that grow at the bottom of the thorns are of a warm and dry quality. The people use the herd for a purge, they take a handful thereof and boil it in water. Besides this they have another *Manna* like unto that, that cometh to us from *Calabria* by the way of *Venice*, and is the concreted *Saccarine Exudation of the Ornus*.

Among the rest they also shew costly stones, by the *Arabians* called *Bazaar*, which are oblong and roundish, and smooth without, and of a dark green colour. The *Perians* take these from a peculiar sort of bucks, and use the powder against mortal and poisonous distempers. There are some that are very like unto these in form and figure, but not to be compared for goodness: Wherefore a man must have great care that he be not cheated. But there are some proofs to know whether they are good or no, which a Merchant communicated to me as infallible. Take quick lime and mixt it in powder with a little of this stone, and with water make them up into a past, when that is dry grind it, if it then remaineth white it is esteemed false, but if it turns yellow it is good, and brought from *Perisia*. They also bring hither *Turkey* stones, that grow almost only in their country, and their King, the *Sopby*, has an incredible treasure of them together: Lately so many of them were brought to us that the prices fell very much; but when the King heard of this, he immediately forbid that any should be exported in seven years time, that so they might come to their former price again, which seven years as I am informed are now expired. There are also put to sale many chains of delicate oriental pearls, which are for the greatest part taken or found in the *Perisan* seas, near

to

the island called *Babare*, situated not far from that great trading city of the *Turkish Batzora*, or *Balsara*.

From *India* they bring hither many delicate spices, *Cinnamon*, *Spikenard*, *Long Pepper*, *Turbitb*, *Cardamoms*, *Nutmegs*, *Mace*, and *China Roots*, which the *Arabians* make more use of than of *Guaiacum*, and delicate *China* cups and dishes, *Indico*: and in very great quantity they bring that noble root called *Rhubarb*. And moreover, they sell several sorts of precious stones, viz. *Garnets*, *Rubies*, *Balasias*, *Saphires*, *Diamonds*, and the best sincerest *Musk* in little cuds. These precious stones are hid by the Merchants in the great caravans that come from *India*, and they bring them secretly, because they dare not pay custom for them, that the *Bashaws*, *Sangiacks* and others, may not rob them of them on the high-ways, for they use to do so if they find any. I will cease to discourse any longer of these and other drugs, and several merchandises, which the Merchants convey thither from foreign places daily, and from thence to other places again, because it is none of my business to deal in them. With the spices are sometimes by the Merchants brought from the *Indies* delicate canes, which are very long, solid, or full within, flexible and bright without, of a yellowish colour; they are almost every-where alike thick; only a little tapering; but few joints, far distant from one another, and are hardly seen in them. There are two sorts of them, great and small ones; the great and stronger ones are used by old and lame people instead of crutches to walk with, but the lesser (which are very like the former) are made into arrows and darts, for which they are very fit, the *Turks* wind them about with silk of many sorts of colours, which they are very proud of when they make their entries. You find also in the shops another sort of canes to be fold, which are small and hollow within, and smooth without, a brownish red colour, wherewith *Turks*, *Moors*, and the *Eastern* people write, for to write with goose quills is not in use with them; wherefore these may be esteemed to be the true *Syringas* or *Fistularis* of *Dioscor*. Besides these there is another bigger sort of canes, almost of the same colour, but full of joints; the Pilgrims that go to see their *Mahomet* bring these with them from *Meccha*, and

and the people of that country carry them along with them on horseback instead of short pikes, chiefly the *Arabians*, for they are long, strong, and light, and yet solid or full within; with these they come running on upon their enemies, or else they (lifting it up above the middle in one of their hands) sling it at them, with such force, that they penetrate deeper with their sharp iron (wherewith they are tipt before and behind) then their arrows. *Theophrastus* maketh peculiar mention of them in his fourth book and the 11th chapter, and *Pliny* in his sixteenth book and the 36th chapter.

We see very few of these in our country, for the Christians are forbidden under great penalties to carry any of them (the same it is with any other arms that they make use of in their wars) out of the country, if any doth and is found out, he exposes himself to infinite troubles and dangers, as did happen to one in my time, who after a scimiter was found about him, was very highly accused, and fined seventy ducats to be paid in two days time, and if he had not paid it, they would certainly have circumcised him, and made him a *Turk*.

Besides these above-mentioned *Champs*, there are a great many more without and within the city, where also all sorts of merchandizes are sold, viz. *Quibir* the great, *Souger* the little, *Gidith* the new, *Atich* old, &c. And besides all these they have a great exchange called *Batzar* by the inhabitants, which is in the middle of the town, and is bigger then *Friburg* in *Bavaria*, in it there is many alleys, and each of them divided for several wares and handycraft trades; first the grocers and mercers, then those that sell tapestry and other soft woollen cloaths, and also *Turkish Machyer*, *Camlet*, *Taffety*, and other silks and cottons delicately wrought. There are also good *Cardavon*, delicate furrs of *Martins*, and chiefly *Wild Cats*, whereof abundance run about in these countries.

There are also jewellers that sell all manner of jewels, precious stones, pearls, &c. All sorts of handy-craft tradesmen, as shoe-makers, taylors, fadlers, needle and pin-makers, painters, goldsmiths, brasiers, locksmiths, &c. that have their shops in the *Batzars* where they work, but their work is chiefly that of the goldsmiths, painters

and locksmiths, is so silly, that it is by no means to be compared with ours. There are also turners, fletchers that make arrows and darts, and bow makers, that have besides their shops small butts, that any body that goes by may exercise himself, or try his bow before he buyeth it. These bows are sometimes plain work; and some inlaid with ivory, buflers horns, &c. which maketh them of a different price. The archers wear a ring upon their right thumbs as our merchants wear their sea ls wherewith they draw the string on when they are going to shoot, these are made of wood, horn, or silver, and some are set with precious stones. Besides these you find in great *Batzars* some barbar-surgeons, which, (when they have no body to trim) use to go about the streets with their instruments and a flask of leather to look out for Work; if they find any that will be trimmed they do not come back to their shops but go to work in the streets, or in the next *Champ* if any be near, and there begin to lather him, and shave all the hair off his head; save only one long lock which he leaves to hang down his back. There are also places where they sell slaves of both sexes, old and young, which are sold dearer or cheaper, according to their strength or handsomeness, &c. But in all these countries I saw neither wheel-wright nor cart-wright, because neither waggons nor carts are in use with them: Neither could I find (for all it is so great a city) a gunsmith that understood how to mend the least fault in a gun-lock. Because there is a great trade daily driven in these *Batzars*, you shall find there at all times of the day a great humber of people of several nations walking up and down, which makes a crowd as if it were a fair. Amongst them you will often see drunken *Turks* which use to push people that do not give them the way immediately, chiefly is they be Christians; but the Christians are not afraid of them for all that, but prepare themselves (when they perceive some of them to approach among the people) and stand upon their guard to be even with them, and when the *Turks* come and push them, they make them rebound again to one side, or to one of the shop-boards. Sometimes also the *Turks* will can themselves backwards against the shops, and when they

they see a Christian go by they let him fall over their legs, and so laugh at them; but then the Christians again when they perceive this, they kick up the other leg of the *Turk* whereon he rests and so make him fall down himself. For it is usual with the *Turks* to try the Christians what metal they are made of, whether they have courage or no, wherefore they oftentimes before they are aware of them, assault the Christians with rough words, and if they find them to be afraid they laugh at them to boot, but if they resist them, they give over immediately, as soon as they find them in earnest (just like some dogs that sooner bark than bite) and esteem them afterwards the more for it, and call them brave people that are fit for the war.

You find also in this crowd several that are in orders, called *Sacquatz*, (which commonly are pilgrims that have been at *Meccha*) that go about with skins full of water, and for charity give to any, nay, even to the Christians that desire it: (because the *Mahometans* are forbid to drink Wine in their *Koran*.) Wherefore you see many in their peculiar habits (moved thereunto by devotion) that go all day long among the people to exercise a work of love and charity to those that are thirsty. They have in one hand a fine gilded cup whereinto they pour the water out of their skins, wherein they have commonly laid chalcedonicks, jaspirs, &c. Sometimes also delicate tasted fruit; to keep the water fresh, and to recreate the people. When they give you to drink out of it they reach you also a looking-glass with this admonition, That you shall look your self in it, and remember that you are mortal and must die. For this service they desire nothing of you, but if you give them any thing they take it and thank you, and spit into your face and beard to shew their thankfulness some fragrant water which they have in glasses, in a great poueh tip'd with many bras clasps. The *Turks* and *Arabians* also esteem it to be a great charity and love, if they let their marble troughs or great pots that stand every where about their doors be filled up with fresh water every day, that travellers or any that are dry may quench thirst as they pass by; in it hang little kettles to dring out of: If one goes to it, others

that see him go also, and drink rather for company's sake than to quench their thirst: So you find often a whole multitude about a pot. If you have a mind to eat something or to drink other liquors, there is commonly an open shop near it, where you sit down upon the ground or carpets and drink together. Among the rest they have a very good drink, by them called *Chabe* (Coffee) that is almost as black as ink, and very good in illness, chiefly that of the stomach; of this they drink in the morning early in open places before every body, without any fear or regard out of *China* cups, as hot as they can, they put it often to their lips but drink but little at a time, and let it go round as they sit. In this same water they take a fruit called *Bunru*, which in it's bigness, shape, and colour, is almost like unto a bayberry, with two thin shells surrounded, which, as, they informed me, are brought from the *Indies*; but as these in themselves are, and have within them, two yellowish grains in two distinct cells, and besides, being they agree in their virtue, figure, looks, and name, with the *Buncho* of *Avicenna*, and *Bancha* of *Rasis ad Almans* exactly; therefore I take them to be the same, until I am better informed by the learned. This liquor is very common among them, wherefore there are a great many of them that sell it, and others that sell the berries, every where in their *Batzars*: They esteem it as highly as we do in our Country wormwood wine, or that that is prepared with several herbs and drugs: Yet they love wine better if their law would allow them to drink it, as we have seen in the reign of the Emperor *Selymus*, when he gave them leave to drink it, that they met together daily in drinking-houses, and drunk to one another, not only two or three glasses of strong wine not mixed with water but four or five of such as came from *Venice* to them so quickly one after another with such eagerness, as I have often seen it that they would not allow themselves to eat a morcel or two between it; and so as you may easily guess, they become to be fordid presently, and so hoggish, that they excel all other nations in it. But after *Selymus* was dead, and his son *Amurah* succeeded him in his right, he immedietly forbad them to drink wine in the very beginning of his reign, and looked after

ter it with such severity, that any body that did but smell of wine was imprisoned immediately, put out of his place, and a great fine put upon him according to his capacity, or for want of it, punished severely with many blows under his soals. During this prohibition it happened, that when the *Bashaw* of *Aleppo* had a mind to go abraqad and met in the court-yard one of his men that was drunk, and perceived it by his staggering, he drew his scymeter and cut off his head, and so left him dead upon the place. But yet notwithstanding all this severity, and be it never so peremptorily forbid, they do not only not mind such prohibition, chiefly the Renegadoes, being very much used to it, but long and linger the sooner after it with that eagerness, that in the summer time they use to carry in privately, just like the ants, great quantities of wine, and lay up good stores that they may meet at night and drink together until they have their bellies full, and so rest after it all night that they might not smell of wine the next day. In that time when they were prohibited to drink wine, we Christians fared very well and bought our wine very cheap, until afterwards they had leave to drink it again: Their wines are generally red, very good and pleasant, they keep it in skins; they are brought to *Aleppo* from several places, but chiefly from a famous town called *Nisibis*, which lieth two days journey distant from it upon the borders of *Armenia*: The use of skins is still very great with them as it was in former ages, as we may see by the similitude of Christ, when in St. *Matthew* Chap. ix, verse. 17. he says, *No man putt new wine into*, &c. Seeing that the christians have leave to drink wine, therefore they sell and buy most of it, they also plant it, and have whole villages in their possessions, with abundance of vineyards. But the *Turks* not being allowed to drink wine by their laws do not keep or cultivate many vineyards, and if they do they press the grapes after several ways, for some they make into *Cibbs*, chiefly these people that live in and about *Damascus*, where indeed the best growtheth; others boyl the juice of the grapes up to the consistence of honey, which they call *Pachmatz*, chiefly those that live at *Andeb*, a town between *Bir* and *Nisib*. They have two sorts of this rob, one very

thick, and the other somewhat thinner, the former is the best, wherefore they put it up into little barrels to send into other countries, the latter they use themselves, mix it sometimes with water and give it to drink (instead of a julep) to their servants, sometimes they put it into little cups, to dip their bread in it, as if it were honey, and so eat it. Besides these they have other sweet drinks which they prepare out of red berries called *Fujubes*, or of *Cibebs*, which, when boiled in water with a little honey, the inhabitants call *Haffap*, and others call'd still by the old name of *Berberis*, of which they bring great quantities down from mount *Libanus*. Among other liquors they have a special one called *Tschertbeth*, which boiled of honey tasteth like unto our mead; they have another made of barley or wheat, by the ancients called *Zychus* and *Curmi*: These two last make the *Turks* so merry and elevated, that, as our clowns do when they drink beer, they sing and play on their hautboys, cornets, and kettle-drums, which their musicians make use of every morning when the guards are relieved. All these liquors are sold in their great *Batzars*, where they have baskets full of ice and snow all the summer long, whereof they put so much into the drink that it maketh their teeth chatter and quake again. Thus much I thought convenient to mention of their liquors or drinks.

Concerning their food: Their bread is nourishing and good, and so white, chiefly at *Aleppo*, that none is like it in all *Turky*: They have several sorts of it, of several shapes and mixtures, whereof some are done with yolks of eggs; some mix'd with several sorts of seeds, as of *Sefanum*, *Romish Coriander*, and wild *Garden Saffron*, which is also strewed upon it. Meat is cheap with them and very good, by reason of the precious herbs that grow thereabouts, chiefly upon mount *Tauri*, which extendeth itself very far eastwards, from whence they have abundance of cattel, as rams, weathers, and sheep with broad and fat tails, whereof one weigheth several pounds. They have also great store of goats, which they drive daily in great numbers through that city to sell their milk, which every one that hath a mind to it drinks warm in the open streets; among them

them there are some that are not very big, but have ears two foot long, so that they hang down to the ground, and hinder them from feeding; when one of them is cut off, which is commonly done, they turn themselves always upon that side that the other ear may not hinder them from feeding. They have no want of beasts and bubbles, for they are very common there, and the butchers kill the beasts in the fields without town, where they have their slaughter-houses; thereabouts are a great many dogs that live of the offals, and have their young ones in holes and cliffs, where they bring them up, and these become so ravenous and wild, that they run about in the night after their prey, as I am inform'd, like wolves in our country; and this may very well be, for the Turks do not only not kill any dogs, but rather carry them home when they are young, and there feed them till they are grown up, and able to shift for themselves; and they believe that they do a deed of charity that is very acceptable to God Almighty; like unto the divines in the Indies, call'd *Banians*, which serve the birds in the same manner as these do dogs and cats. These wolves are more like to our dogs, both in shape and bigness; and so lays *Pliny*, that the wolves in *Egypt* are less and lazier than these towards the north. Being there are no inns in *Turkey*, where, as with us, travellers may lodge and have their diet, therefore there is a great many cake-shops kept in the *Bazars*, where all manner of victuals are cleanly dressed, *vix.* butchers meat, soups, and all sorts of saucas, and broths, and soups, where every body buys what he hath a mind to, according to the capacity of his purse. Among the rest nothing is so common as rice, which they boil up to such a stiffeſſe that it crumbleth. A great many other sorts you shall see in copper basons upon their shop-boards, prepared after the same way; amongst the rest peculiarly a very common one, call'd *Rhubourt*, made of barley and wheat, which were first broke in a mill, and perhaps dry'd, and so boild with or without milk, into a thick pap. *Dioscorides*, in the eighty third chapter of his second book, maketh mention of this by the name of *Crimmon*; and also *Avicen*. and *Rhasis*.

*ad Almans.* in *Synonymis*, calleth it *Sanguick* and *Savick*. The *Turks* provide themselves with good store of this, chiefly in war-time, by water and by land, that when they want provision, they may make use of it instead of bread. Besides these, they have more dishes amongst them ; I remember one call'd *Trachan*, when it is dress'd it is so tough, that you may draw it out like glue ; this they make up into little pieces, which being dry'd, will keep a good while, and is very good and pleasant food after it is boil'd ; wherefore they lay up great stores of this in their strong fortifications as we do of corn, that in case of necessity they may eat instead of biscuits, or other food. That such sorts of foods, by the Latinists call'd *Puls*, have been very well known to the ancients, and that in case of necessity they use to make a shift with it, *Pliny* testifieth in his eighteenth book, and the eighth chapter.

They have also all manner of poultry in great plenty, *viz.* pullen, snipes, partridges with red bills, wood-cocks, &c. but very few fishes, because they have only a small rivulet, which is full of turtles, so that at *Aleppo* they are very scarce ; neither do they esteem them much, because most of them drink water instead of wine, which is prohibited by their law, wherefore there are but few brought thither from foreign places, as *Antiochia*, and the great river *Euphrates*, &c. distant from thence two or three miles. Besides this they have little by-dishes, as keal, colliflowers, carrots, turneps, french-beans, besides trees and coddled fruits, and many more ; but yet they are not so well skill'd in the dressing of them, as we are in our country.

*Lastly*, They put also up with their Cheese, Cibeks, Almonds, dry'd Cicers, Pistacho's, and crack'd Hafelnuts, which, altho' they are carry'd thither from our country, are better tasted and pleasanter than ours. They have many sorts of preserves, very well done with sugar and honey, very artificially, chiefly those they carry about to sell upon plates very well garnish'd, made up and set out with several colours and shapes, very beautiful to behold. For the rest they live very sparingly, and bring the year round with small and little expences, for they do not make so great feasts, nor have

so many dishes, nor bestow so great cost as we do in our country.

In these eastern countries they eat upon the plain ground, and when it is dinner-time they spread a round piece of leather, and lay about it tapestry, and sometimes cushions, whereupon they sit cross-leg'd before they begin to eat, they say grace first, then they eat and drink hastily, and every one taketh what he has a mind to, and do not talk much. The rich have fine cotton-linnen about their necks, hanging downwards, or else hanging at their silk girdles, which they use instead of napkins; their wives or women do not eat with them, but keep themselves in their peculiar apartments. After they have done, they rise altogether with a jerk, swinging themselves about, which our countrymen cannot easily imitate, till after they have been there a long while, for the limbs are numbed in sitting cross-legg'd, so that one hath a great deal to do to bring them to themselves again. At last they take up the leathern table with bread and all, which serveth them also instead of a table-cloth and bread-basket, they draw it together with a string like a purse, and hang it up in the next corner.

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## C H A P. IX.

*A short and plain relation of plants, which I gather'd during my stay at Aleppo, in and round about it, not without great danger and trouble, which I glued upon paper very carefully.*

B EING I undertook this long journey, chiefly on purpose to see myself those fine outlandish plants, whereof authors so often make mention, growing in their native soil, and so gain a more clear and perfect knowledge of them. I was very glad to have an opportunity to stay longer than I intended, that I might the ofner go out with my friends and comrades into the fields, among the *Turks* and *Moors*, not without great pain and danger of being knock'd on the head; to fetch in more and greater variety of plants; wherein my comrade *Hans Ulrich Krafft*, who came into these parts along with me, very often hath faithfully and honestly assisted me. But having heretofore made men-

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tion of the garden herbs and fruits, I will only in this place write of them which grow abroad without the gardens, and that with all possible shortness; and begin with the Poplar-tree, as the commonest of all, which the inhabitants still call by the ancient *Arabian* name *Haw*; they grow very high in these countries, and abundance of them grow about the rivulet near *Alep-po*, which make very shady walks underneath in the heat of the summer. There is also a peculiar sort of Willow-trees, call'd *Safief*, &c. these are not all alike in bigness and height, and in their stems and twigs they are not very unlike unto Birch-trees, which are long, thin, weak, and of a pale yellow colour; they have soft ash-colour'd leaves, or rather like unto the leaves of the Poplar-tree, and on their twigs here and there are shoots of a span long, like unto those of the *Cypriotis* wild Fig-trees, which put forth in the spring tender and woolly flowers, like unto the blossoms of the Poplar-tree, only they are of a more drying quality, of a pale colour, and a fragrant smell. The inhabitants pull of these, because they bear no fruit, great quantities, and distill a very precious and sweet water out of them, very comfortable and corroborating to the heart. The *Arabians* call these trees *Zacneb* and *Zacnabum*; *Rbasis* in his 353d and *Avicen*. in his 749th chapter; and after the same manner maketh *Setapio* mention of them in his 261st chapter, by the common name of *Zucumbeth*; and *Theophrastus* in his fourth book, and eleventh chapter, where he treats of *Elaeagnus*, which this is very like unto, and may be taken for the same, although they differ in bigness, which often and easily happens according to the soil and place where they grow. Hereabouts are other small trees, which I rather take to be thorny shrubs; they are very like in leaves unto the others, and are call'd by the *Moors*, *Scisefun*. They love to grow in moist places and in hedges; from the root shoot several stems, cloathed with a smooth brown-colour'd bark; they bear at the top pretty long and strong twigs, which here and there are beset with a few prickles, whereon grow small flowers, white without and yellow within, whereof three and three sprout out be-

## Chap. 8. into the Eastern Countries.

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tween the leaves. I did not see any of their fruit, but yet I do believe that they are like unto the Olives of the Bohemian Olive-tree, to which this plant is very like, which is very naturally delineated in the herbal of the learned Matthiolus. These trees cast forth such an odour in the spring, that any body that goes by must needs be sensible of it presently; wherefore the Turks and Moors cut many of their branches, and stick them up in their shops.

On the banks of the above-mention'd, rivulet, chiefly about the stone bridge, as you travel to Tripoli, grow many *Agnus Castus*'s, of the lesser sort, and on the other side in the fields, many *Pistacho* nut-trees.

Within and without the city grow also many sorts of trees, viz. that which Avicen. calleth *Azederack*, but Rhasis, *Astergio*; white Mulberry-trees, Date-trees, and Cypresses, by the natives call'd *Sacub*, which hereabouts grow very big and high, Turpentine-trees, &c.

About the fences and hedges you will find wild Pomegranat-trees, with fine double flowers, wild Almond-trees, the fruit whereof the Moors carry about in great plenty to sell to the poor; and near it in old decay'd brick-walls and stony places, you shall see Caper-bushes: among the rest there groweth a very strange bush, by the inhabitants call'd *Morgani*, which is very green and thick, hath a long woody coat, whereout sprout several stalks, with round leaves, like unto Caper-leaves, only with this difference, that four of them stand together all opposite to one another like unto our beans; between them there appear small flowers, red within and white without, whereout grow long pods, like unto those of the *Sesamum*. This plant hath a very unpleasant scent, wherefore the inhabitants use it frequently to destroy worms; but what the ancients formerly call'd it, I know not, but really am of this opinion, it must be according to the description the *Adifrigi* of Avicen. and *Aadiccan* of Rhasis; be that pleafeth may read more thereof in the quoted places. In these places are also found the thorny *Acacia*, by the inhabitants call'd *Shack*, and by the *Arabians*, *Shamuth*, which are very small and low, chiefly those that stand in the fields, which give as much trouble to the plowmen as the

the ferns and rest-harrow do here ; the twigs are of an ashen colour, crooked, full of prickles, like unto those of the Rose-bush, and have very small feather'd leaves, like unto *Tragacantha*, which are almost divided like unto our female fern, the flowers of them I have not seen, but the pods that grow out of them are without brownish, in their shape thicker and rounder than our beans, spongy within, and containing two or three reddish seeds.

I have, besides these, seen in shops pods of a chestnut-brown colour, sold under the name of *Cardem*, which have two or three little distinct cells or baggs, in each whereof is a reddish seed, in the figure of our male Balsam ; these are brought from *Egypt*, and by some thought to be the true *Acacia Diosc.* whether it be so or no I cannot well tell, because I never saw the plant. Very near it, in untill'd places, growtheth *Galega* ; *Sisyrichium Theophrasti*, which is very curiously delineated in the book of *Rempert. Dodon. de herbis & floribus coron.*

There is also found another fine plant, by the inhabitants call'd *Tharasalis*, which hath seven or eight waved leaves, which stand about a round stalk, almost as it is to be seen in *Sisyrichium*, only they are a great deal broader, and not so long, when the stalk thereof, which is not above a cubit long, is grown, through and above them ; it gets at top a white flower, not very unlike unto the low blue Flower de Luce which blow early in the spring ; it has a roundish root, like unto that of *Narcissus*, and also has many long white fibres. Not far from thence, when you get upon the hill, there growtheth in the rough places others, viz. *Bistorta*, still by the inhabitants call'd *Zuph*, a fine sort of *Verbacum* ; *Scorzonera* with purple flowers, Saffron with small little leaves, and a delicate yellow flower ; also *Arisarum*, *Homaid.* and *Arum*, call'd by them *Carsaami*, whereof there are four sorts, among the rest a strange one, with long ears, wherefore they call it in their language *Ovidne*.

There also are about the rivers some *Anemones* of several sorts and colours, very beautiful, as red, purple colour, yellow, &c. all which they call with a common name

*Sakaick,*

Sakaick; and give an additional name according to the colour of it, viz. *Schakaick achmar*, *Sakaik assar*, *Aserack*, &c. that is to say, red-yellow, of a violet colour, &c. which would be too long and tedious to describe all here; chieftly if I should at length relate the common ones, as, wild Rue, *Asphodelus albus*; *Rheseda Plin. Flos solis foliis minoribus serpilli*, wild Onions, and other innumerable more. As you come down by another way back again, nearer to the corn-fields, you find other fine herbs, as the wild new *Harmala*, a delicate sort of *Astragalus foliis hedybari minoris*, and by it another which is very like unto *Astragalus* of *Dioscor.* so that I really believe it to be the same. There appear a great many of them upon the height; it is a low herb, with a long brownish root, as big and long as the root of horfe-raddish, which puts out at the sides some strong fibres, which are almost blacker and harder to cut than the root itself; some of them go downwards, and others the greater part upwards, and bended like unto horns. These contain, together with their sweetnes, also a driness; they shhoot out at the top into several branches of the same colour, yet not above the length of a finger, which incline towards the earth, whereout grow nine or ten small leaves, like Lentil-leaves, not very unlike to those of *Orobus*, and distributed after the same manner. Between them sprout out purple-brown flowers, after them come long and thick and full bladders, whereof some are as big as those of the *Colutea*.

All these and several other herbs have I preserved and glued to some paper, with great and peculiar care, so that they are to be seen in their natural colours so exact, as if they were green.

About the river up a hill, I found a tender and fragrant herb with long and white roots, of a pretty acrimonious taste, it's leaves were like unto our Coriander, only somewhat rounder, and not so much cut, but only a little about the edges; I found no stalks nor flowers, for it was early in the year, and about Easter, which is the time of their first springing, these they call'd *Zarneb Melchi*, and the inhabitants dig so many of these roots, that they send yearly several chests full into *Persia*, where they use them, as I am inform'd, very frequently

quently in pains of their backs, and all other accidental pains: As far as I can see, when I look upon the leaves, I reckon it to be the third sort of *Daucus* of *Dioſc.* A little lower, as you come to the plow'd fields, I found also the second kind of *Chondrilla* of *Dioſc.* with round roots of a smooth and dark yellowish colour, perhaps at the top half an inch thick, and five or eight long, whereon at the end where it is thinnest, hangs another round root of the bigness of a Chest-nut, which are so full of milk, that they are ready to crack; at top, where it is divided into three parts, sprout out many long and small grass leaves together, which lie flat upon the ground; between them come out yellow flowers like unto those of *auricula muris*; each whereof hath it's peculiar stalk.

Not far from it, yet in rougher and stonier ground, groweth another *Chondrilla*, which is like unto that former in all parts, only the leaves thereof are broader, and more woolly, and of an ash colour, very like unto the *Holostrium* of *Montpellier*. As you go to the Grand Signior's garden, about a small mile from the town, at the road, I found a good many plants, viz. *Draba Diſcorid.* call'd *Orobanche Hælinu*, *Spina solſitialis*, a kind of *Carduus Mariae*; wild Cucumbers, by them call'd *Adiural hamar*; *Xyphium*, *Peplium*, *Heliotropium tri coccum* *Córoli Clufii*, and also his *Paronychia Hispanica*, and his third *Lichnis*, with pale and red purple-colour'd flowers; *Coris Matth.* with yellow flowers; two delicate sorts of *Geraniums*; and upon old walls I found a little *Rauckel* with pale-colour'd flowers, *Umbilicus Veneres*, and a great many more. I cannot leave unmention'd those that grow round about in the fields, and chiefly amongst them a *Medica*, with dissected trifoliated leaves; and many more, whereof some have long and streights, and others many bended pods, in a cluster together. I also found one with many white and hoary heads, which look'd almost like unto *Lagopodium*, and another little one with green-colour'd pods pressed together, so long and so broad as those of *Senna*, which were a great ornament to the whole plant. And also thereabouts are found many sorts of corn-flowers, quite different from ours; *Papaver erratici*, in their language call'd

call'd Schuck, of which they make a conserve with sugar, and use it in coughs; *Papaver corniculatum* with stately purple flowers. I found also there *Eryngium*, with bleuish tops and starr'd heads; two sorts of *Hennebane*, whereof one that groweth in the fields hath red and purple-couleur'd flowers, the others which I found in the town upon the old walls had white ones, by the Latins call'd *Apollinaris*. Much thereabouts in the corn grew the les *Melampyrum*, by them call'd *Paponesck*, which at the top beareth thick yellow flowers, very like unto the *Melampyrum Tragi*; Item the second kind of wild Cumin, with yellow flowers, and long tended pods; *Poterion Matth.* by the inhabitants call'd *Megasac*, which they stick up in their chambers, to keep them from being bewitch'd. A delicate sort of *Horminum*, with small woolly and dissected leaves, a Garden-cypres with gold-colour'd flowers; *Scabiosa*, *Anchusa*, and a *Salvia*, which hath many roundish leaves, and about their square stalks grow purple-coloured bells, wherein is it's black seed, like unto that of *Melissa Molucca*, whereof I have made mention above. In the corn also groweth *Leontopetalon*, in their language *Afslab*, with it's brown-colour'd round root and large leaves, which are roundish and very near divided like unto those of our *Paeonia*; the stalk hath at the top, which is about a foot high, and hollow, more twiggs, whereof the point of each of them beareth several small purple and yellow flowers, which make roundish bladders, that contain one, two, and sometimes three seeds, the children use to play their tricks with them as they do with the flowers of *Papaver erraticum* in our country. The great roots they bruise, and rub with it spots in cloaths, which, as they say, they draw out immediately.

By these in the corn groweth also the true *Chrysanthemum* of *Diosc.* which is as high as the former, and also in flowers, stalks, and roundish root, which is redder within, very like it, only the stalk is slenderer, and hath more and longer by-shots, or *germina*, at the end whereof you see stately yellow flowers, so that it is thicker, and more spriggy than the other; it's pennated leaves, whereof there are commonly four that come from the root

root with long foot-stalks almost as slender as a thread, lie close to the ground, as you may easily imagine, and have every one their ribs, two and two leaves growing together on each side, one after another, so that four of them stand together in a cross; they are darkish green, and at the out-side, where they are broader, very like unto Oaken leaves. Now, as these and others, that grow in these countries, are as yet very little known, so may also the following, that groweth in plow'd fields, be reckon'd among the unknown, which is very like unto the *Lycopsis* of *Diosc.* for which, in my opinion, it ought to be taken.

This plant hath a red coat, and a straight stalk about two foot high, from whence round about below spread themselves many strong and rough leaves in a circle, as if it were from one center; not unlike the wild Bugloss, they decrease a little by degrees, as they grow higher and higher; out of each of them, close to the stalk, sprout out many twigs, with their peculiar small leaves, as you see in *Echium*; between them shoot out very tender purple-coulour'd flowers, which are whole within, and divided into six small or longish leaves, almost like unto these of the *Caryophillus montanus*. In the beginning of February I have seen several sorts of Hyacinthis, and the Oriental one in the greatest quantity, which they call *Zumbel* in their language. In April I saw another very delicate one, known to them by the name *Ayur*, with long and very small leaves of our *Philangium*; it groweth pretty high, and beareth at the top four stalky flowers; the leaves thereof are very like in shape and colour unto the three leaves that stand up in our Flower de Luce; the root is very like to that of a Tulip, wherof I have also seen a great number in these grounds of all sorts of colours. I have also found some Daisies like unto our own, and also another sort of them with nine or ten white Saffron-flowers, which sprout sooner in the spring in the corn, not so bare as ours, but between the leaves. The leaves are pretty thick, but narrower, longer, and narrower pointed than the before-mention'd; they also spread more about upon the ground, and come from a white coat with a brown-red skin, surrounded

and

and divided in the middle, it is call'd *Kusan* in their tongue, but by some others it is still call'd *Surugen*.

These and a great many more strange herbs have I found, but because they were unknown to me, I forbear to mention any more of them. But yet I cannot but describe to you one more, for the taking of which I and my two comrades fell into great danger, as we often did, both of *Turks* and *Mors*, which needs not all to be related here ; this is call'd by the inhabitants *Rhasut* and also *Rumigi* ; it hath a strong yet unpleasent favour, and about four stalks of a whitish colour, and so tender towards the root, and so small as a pack-thread, whereon at each side grow seven or eight tender ash-colour'd leaves one against the other, distributed like unto those of *Osmond-royal*, only they have round ears towards the stalk, like unto the small Sage, and between the lowermost, which are a little more distant, flowers like unto our *Aristolochia*, yet a great deal bigger, of a more brownish colour, and hanging on longer stalks. The root striketh very deep, and is very like unto our *Pellitory*, of a drying quality, and somewhat hot, as the bitter taste intimates. When I was busy about this tender plant, and strove to get it out whole, which took me up the more time, because I had no proper tools by me, a *Turk* well arm'd came galloping upon us, to see what we were doing ; but when we perceived him to be fuddled, and that he earnestly set upon us, to make booty of us, each of us gave him something, according to his desire, being that he would not leave us without, that so we might get rid of him ; then he rode very well pleased out of our sight, and we took no farther care of him. But before I could get the root quite out, he came back again with full speed upon us, so I bid my comrades to run to the next Olive-trees, and I would follow them presently ; but when I saw him come pretty near me, and found I could not get the plant whole, I pull'd it up as well as I could, and so ran to my companions. But when I came to the Olive-trees, I found they were run several Olive-trees farther, which stand row by row, and found myself quite alone and destitute, and that I must defend myself behind the tree ;

so he came down upon me with his scymeter drawn, and fetch'd one blow after the other at me, which I still declined, running from one side of the tree to the other, so that they went into the tree and mangled it mightily. In the mean time defending myself thus unarm'd against him, I took a resolution, that if he should take hold of his bow and arrow to shoot at me, which he could not do, except he left his scymeter, to run in upon him, and struggle with him ; but this fight durst very long, and perhaps his anger did not give him leave to think of it, I found out another way; knowing them to be very covetous, to make myself free again with a piece of money, and to give him a small silver piece, which in their language they call *Saitt*, worth about three pence or a groat, so pull'd it out, and shew'd it him, still standing behind the tree ; as soon as he saw it, he gave over, and beckon'd to me to give it him so I stepp'd to him, and when I reach'd it to him, he took it. But my table-book fell out of my pocket when I pull'd out the money, upon the ground, wherein I had recorded many things, which when he saw he would have it also, but I refusing it, he grew mad, and began to renew the same, game again ; then I repented that I did not dismount him when I gave him the money ; yet I consider'd that if I should have done him a mischief, as he deserved, yet although I had never so good a cause, I was sure I must be cast, and perhaps to come to a greater mischief and hurt ; so I gave it him, and after he had received it he was pacify'd and rode away.

But to come to my former purpose again : I found about the river the other *Tragium Diosc.* in the plough'd ground, and afterwards also in abundance upon the hill, but generally in moist places, near to the spring that runs down the hill ; it's root is whitish, pretty long and slender, from thence spread themselves some woody stalks, not above a little finger long, whereon grew towards the top many leaves together, which were long, and had of each side of their ribs small leaves, one opposite to the other, which were divided, just like the *Trichsmanes*, only somewhat longer, about

about the bigness of those of *Asplenium*, and are, as they, delicately green within, but without, and against the ground, of an ash-colour, and woolly, chiefly the small ones, that are just sprouting out between the others. Out of these first-mention'd stems come first naked long stalks, upon which grow at the top violet-brown flowers close together, as if it was an ear of corn; the inhabitants call it *Secudes*, and so did the ancient *Arabians*, chiefly *Avicenna* in the 679th chap. where he also attributeth this Virtue, that it is very proper in the bloody-flux.

In their gardens the *Turks* love to raise all sorts of flowers, wherein they take great delight, and use to put them on their turbant, so I could see the fine plants that blow one after another dialy, without trouble. In December, I saw our violets with dark-brown and white flowers, whereof they gave me in that season several nose-gays. Then came the *Tulips*, *Hyacinths*, *Narcisses*, which they still name by the old name *Nergis*. Before all other I saw a rare kind with a double yellow flower, call'd *Modaph*, and a strange *Convolvulus hederæ foliis*, with great purple flowers, whereout grew seed-vessels, as you see in the new *Harmala*, with three distinct *Capsula*'s, wherein is kept it's black seed, to which they attribute the virtue of evacuating tough slime. This is found sometimes in gardens, and by the inhabitands call'd *Hafnifica*, and the *Persians Acafra*, and *Serapio* chap. 273. *Habalnil*; the *Latins*, *Granum Indicum*, and *Carthamus Indicus*, and he that hath a mind to know more of it, let him look into the author himself, in the above-mention'd place, in the 306th chap. of *Avicenna* and the 208th of *Rhafis*. I also found in their gardens, *Balm*, *Basil*, and a fine sort of *Amaranthus*, which for his colour's sake may be call'd *Symplochia Plinii*, and therefore call'd parrots feather.

I cannot forbear, before I conclude, to mention some which I found here and there in the *Batzars*, and among them a strange sort of Lillies, which as I am told grow in sunny, moory, mossy, and moist places; wheron groweth a long stalk of the same colour and thicknes of ours, only a great deal broader, but broadest of all at top, where it is about three fingers broad, so that it is

like unto a Spatula that is painted at one end ; on this stalk grow at each side several tender leaves, which are pretty long, but very small and pointed, and at the top thereof some white flowers like unto ours. When I was thinking of this at several times, what they were call'd by the ancients, it came into my mind, that I had read of them in *Theophrastus*, lib. 4. cap. 9. and I really believe it to be the same. But whereas *Theophrastus* writes in the quoted place, that they do not touch the ground, I can say nothing to it, for I never saw any of them growing. They have also some small roots to sell, call'd *Mamirani tchini*, good for eyes, as they say ; they are yellowish like *Curcuma*, but a good deal longer, and thinner, and knotted, and very like unto our *Polygonatum*, and may be esteem'd the true *Mamican*, whereof *Rhosis* maketh mention in several places. There is also among others brought a great quantity of the juice of *Scammony*, that is still very soft, it cometh in leathern bags from out of the country, and so it is sold to our Merchants in their *Fondiques* ; but those that buy it must have a great care, because it is often adulterated, that they be not cheated. There is also a good deal of the juice, by the Apothecaries call'd Opium, and by the inhabitants Ofium, which the *Turks*, *Moors*, and *Persians* and other nations take inwardly not only in war, at the time when they go to fight their enemies, to make them couragious and valiant, but also in time of peace, to drive away melancholly and care, or at least to ease it. Their religious people make also use of it, but above all the rest the *Dervis*, and take so much of it, that it maketh them presently drowsy, and without consideration, that when, after their barbarous and silly way, they cut, slash, or burn themselves, they may feel less smart or pain. If any one hath so begun to make use of it, (they take about the quantity of a large pea at a time) they cannot well leave it off again, except they have a mind to throw themselves into a sickness or other inconveniences ; for, as they confess themselves, that if they omit taking of it, they find themselves very ill in their bodies. Opium is commonly taken from the white Poppy-heads, in their language call'd *Caschasch*, wherein they cut, when they are

are young and tender, a spiral or winding-circle round about it from top to bottom, one under another ; out of those runs some milk, which they let be there until it groweth thick, then they gather it and make it into balls, like unto our perfum'd soap-balls. Being that the *Turks* use this Opium so commonly, it happens sometimes that they take so much of it, that it is very dangerous ; wherefore they have an antidote, as I was inform'd, that is the root *A slab*, whereof I have made mention before, which they give to bring them to rights again.

I found also in the great *Batzars* a sort of *Alga* sold in their shops, which was dark-red, and therefore very useful for Dyers ; it had stalks of the thickness of a finger, and was surrounded with several thin scales, or rather leaves, and round ; wherefore it may be taken to be a *Saderva Serab*. and herb *Alargivan* of *Andreas Bellunensis*, whereof he maketh mention in his Index, where he interpreteth the *Arabian* words. For a kind of this may also be taken, because it affords a delicate purple colour, that *Alga* that is found in the seas near *Candia*, and is describ'd by *Theophrastus* in his fourth book and seventh chap. Lastly, among the rest, I did also enquire after the *Amomum*, and thought, because they were near unto the confines of *Armenia*, that therefore they might easily have it by the Caravans, which come daily from those parts ; yet I was fore'd to run a great while after it, till at length I got a little stalk thereof in one shop ; they call it by the name of *Hamama*. But of the other, so call'd by *Dioscor.* which is like unto it, and therefore may easily be taken for the right one, they had a great deal. These two small shrubs, altho' they are very like to one another, yet for all that they may be distinguish'd by their stalks and different colours. Wherefore *Dioscor.* bids us, if we will not be imposed upon, to pick out the bigger and smoother, with it's noble seed, and to leave the small. This stalk which I found about the length of a finger, is almost of the colour of the bark of the Cinnamon-tree, and also in it's acrimony and good odour, altho' it was old, still very strong. At the top had been several woody stalks, close to one

another, whereon I believe had been the flowers and Seeds. But the twigs of the other sort, which are crack'd and bended, are of a brown colour, which at the top divide themselves into other les ones like a tree, whereon grow several stalks with little heads, like unto the *Mafaron*, or *Marum Syriacum* from *Crete*, wherein is no great strength nor odour.

Thus much I thought convenient to mention of strange plants, chiefly of those the ancients make mention of, and so I conclude the first part of my TRAVELS.

*End of the first Part.*



Dr



# Dr Leonbart Rauwolff's TRAVELS INTO THE Eastern Countries.

Wherein is treated of his Journey from *Aleppo* thro' the Famous Town of *Babylonia*, to *Bagdet*; what he saw by the way, and what did befall him in going and coming by Water and by Land. With a brief Account of the high Mount of *Libanus*, of the strange Plants and Inhabitants thereof.

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## P A R T. II.

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### C H A P. I.

*How I departed from Aleppo to the famous city of Bir, and how I sailed from thence on the Euphrates to old Babylon.*

FTER I had staid a good while in *Aleppo*, and had seen and understood the trade and merchandizes of the inhabitants, together with that of all the other nations, viz. *Grecians*, *Armenians*, *Georgians*, *Arabians*, *Persians* and *Indians*, which

which come and go daily with their caravans, and very well observed and understood their manners and customs, and had also collected a fine parcel of foreign and undescribed plants ; I resolved to go farther eastward into *Mesopotamia, Assyria, Babylonie, &c.* as the ancientst and most fruitful countries that ever were, where the ancientst people, and the most potent monarchs did inhabit. But these countries lying far off, and the way that leadeth thither, passing through vast deserts and wildernesses, and therefore the voyage being so much the more difficult and dangerous to attempt and accomplish ; I first look'd out for a trusty companion, to take as my assistant, and met presently with an experienced *Dutchman* that had lived a great while in *Aleppo*, who granted my request (being as desirous to go this voyage as myself) to go along with me. We agreed presently, and began to consider which was our best way to take. But that we being strangers, might not be taken to be vagabonds or spies (they being very suspicious) from whence they might presently take occasion (as the *Turks* use to do) to lay great *Avarias*, or unjust taxes, upon us, which the Christians that deal to these parts have often to their great loss and damage experienced ; we did consider, and found, that the trading here was very great, so that they did not only deal from hence into *Armenia, Egypt* and *Constantinople*, (for from thence come the caravans thro' *Natolia* in about a months time) but also very much into *Persia* and *India* : Wherefore we thought best to profess ourselves Merchants, that so we might travel the more safely with other Merchants in order thereto, to buy some merchandizes that would sell in those places, and to carry them along with us. That we might put this in execution, my formerly mentioned friend *Hans Ulrich Raft*, from *Ulm*, took great pains to furnish me at my desire and request, with several fit commodities for those places upon account of my patron Mr *Melchior Manlich*, which I got pack'd up immediately to go with them to the famous city *Bagdet*, situated upon the *Tigris*, where is a great staple and deposition of merchandizes that are to go farther for *Persia* and *India*. But seeing that seldom any Merchants go from *Aleppo* farther into these countries, so that our habits are very rarely seen

seen there; we cloathed ourselves as is usual, in the common *Turkis* habit (that every body might not presently look upon us as strangers); first, we had long blue *Cabans*, which are button'd before quite down, and cut out about the neck, not unlike to those of the *Armenians*; and white *Drawers* made of cotton that hung down to our ankles, and were drawn in and tied about our bodies, and also shirts after the same fashion and without collars. We also fitted ourselves with white turbants with a blue brim, such as *Christians* usually wear, and put on yellow shoes which were painted, before guarded with nails, and with horse-shoes behind. Besides this we put on a kind of a frock, made of a certain course stuff called *Meska* in their language, which is common among the *Moors*. They are generally made of goats and asses hair, pretty narrow, without sleeves and short, reaching only to our knees. But these stuffs being not all alike, the finest thereof (chiefly that which is striped white and black) is taken for cloaths; and the courser for tents and portmantles, wherein they carry their provision through the desarts, and also keep their camels and mules meat, hanging it about their necks. This puts me in mind of the plain cloathing which the ancient inhabitants of these countries, chiefly the *Israelites*, when they mourned for their deceased relations, or when they repented of their committed iniquities, and turned from them, and prayed God to forgive them their accumulated transgressions, used to put on, as we read in the 37th chapter of *Genefis*, where *Jacob* lamented the death of his son *Joseph*; and in the book of the Prophet *Jonas* of the *Ninevites*, who believing the Prophet's words, denouncing their destruction within forty days, and repenting of their sins, put on sackcloth and prayed to God for forgiveness. The like we read of the King and Prophet *David*, after he had numbred his people. Item, in the 10th chapter of St *Luk* and other places, that they put on sackcloth and did repent in ashes. It is therefore very probable that those were very like unto them that are still in use.

When we had thus accoutred ourselves for the voyage, and provided us with all necessaries, viz. cloths, merchandizes, provision of biscuits and drink, and did stay only

only for some fellow-travellers, we were still doubtful whether it were more convenient for us to go by land with *caravans*, which go from hence and *Damascus* yearly strong to *Bagdet*, through great sands and deserts in fifty days, more or less, according as the weather proveth : Or, whether we should go by water, either upon the *Egrys* or the *Euphrates*, there being good opportunity to go in company with others. But it happening that we met with some *Armenian* Merchants servants that did live at *Aleppo*, who were also provided with goods, and had a mind to go into the same countries, we did readily embrace this opportunity, partly because they understood the *Turkish* and *Arabian* languages, which two are chiefly spoken in *Syria*, and partly because some of them had been four times already in the *Indies*; wherefore we put our goods to theirs, and loaded a great many camels together, to deliver them to us at *Bir*, to ship them there upon the *Euphrates*. And that we might pass every where in the *Turkish* dominions, we took a pass from the *Rashaw* and *Cadi*, and so we began our travels to *Bir*, distant three days journey, the 13th of *August, Anno 1574*. By the way we were so strange to one another, that in our new fashioned cloaths we did hardly know one another among them all. After we had the first day a rough road, and travelled through many deserts and uninhabited places, we reached at night a little village, where we encamped and pitched our tents. We put all our packs in a circle round about us, and without them our beasts (as it is usual in great *caravans*) to defend us from the assaults of the ~~Moors~~ in the night. A little after midnight we heard a great *caravan* of many camels and asses to go by, very near to us, which after it was passed, we broke also up and followed them; when the day-light appeared, we saw several plow'd fields more than the day before, and also here and there in some pleasant places many tents of the *Arabians*, which were fixed together as it were in a camp; ranged very orderly in streets. After we had that morning travelled very hard, so that our beasts under their heavy loads began to be tired in the great heat, we rested behind a little chappel to refresh ourselves and to feed our camels; in the mean time some poor women came down,

down from the high-lands to us to gather the dung of our camels to burn it instead of wood, whereof they were in great want. When the great heat was over, and we had staid there for two hours, we went on again, and came before it was night to a little village lying in a valley, near which upon the height, the *Arabians* had formed a great camp; we went up to them, and pitched our tents in the plain by them, and kept as abovesaid a good watch. They came quickly to us, spoke kindly to us, and their wives brought us water and good milk; but after we saw that they were very naked and hungry, and in their shape like to our *Gypsies*, we did not trust them at all, but kept a very good watch all that night. These are vagabond people, that are used to idleness from their infancy, and will rather endure hunger, heat and cold, than get any thing by their handy-work, or till the fields, or plant garden-herbs for their maintenance, although they might do it in several fruitful places in their own possession. So you find here a great number of them by the sides of these sandy desarts, that have no where any habitation, but live in their tents like as the beasts do in caves, and go like unto the *Gypsies* from place to place, until they light on one, where they may live a great while with their cattle, and when all is eat up, want driveth them from thence to look out for another.

On the 15th early before break of day, we were up in the cool of the day, with an intention to reach to *Bir* that night, but our camels were grown so faint by reason of the excessive heat and the great burthens, that they fell down several times, wherefore we looked out for a convenient place where we might stay all night, and found at last a village near which we pitched our tents, eat some gourds and biscuits, and so went to rest.

Two hours before break of the day, we began our journey again, and came early in the morning to the great river called *Euphrates*, we went over with our goods and chattel, and fixed our tents before the town near the river on the other side, to stay for a barge that was to come from *Armenia*, to go from thence to *Babylon*, which is now called *Felugo*. By the way I saw

no herbs of any worth, except the *Galega*, in our language called goats-rue, which grew plentifully on the dry heaths ; and near to the road, the first sort of *Apocynum*, by us called dogs-bane, very like unto the great Celandine in it's leaves and pods : I also saw whole acres of *Turkish* corn called *Sesamo*, and others sown all with *cotton*, and also a kind of *Efulz*, very full of milk, werewith the fallow grounds were so filled up, that at a distance, you would have taken it for good corn. Seeing that the *Scammony* that uses to be brought to *Aleppo*, is wont sometime to be very sharp, therefore it may very well be, that they adulterate it with this *Esula*. Near the town grew abundance of *Acacia*, called *Schack* and *Schamuck*, as is above-mentioned, which are here in stem and fruit, greater and larger than ever I saw any where. The town *Bir* is situated on the other side of the great river *Euphrates* in *Mesopotamia*, near the high hill *Taurus*, just like *Tripolis* near the *Libanus*, or our *Lofanna* on our *Alps* : It is neither big nor strong, but pretty well defended by a castle that lyeth on a high rock above the river, not easily to be taken. There is a very pleasant country round about it, and very fruitful, which (chiefly on this side the river where it is plain) is very well tilled and sown with corn, which they did just thrash out when we came, with little waggons drawn by oxen, and here and there are very good villages. But beyond the river it is more hilly, which kind of ground extends it self a great way towards the east, and divideth *Armenia* from *Mesopotamia*. It is at the top very rough and bare ; nothing but bushes and herbs to be seen there ; wherefore abundance of beasts, chiefly lambs and goats, are daily brought down, which are carried over the *Eupbrates*, and so driven to *Aleppo* and other adjacent places. This river where it runs by the town is about a mile broad, and so deep that it is not easy to make a bridge over it : Yet because it hath not a swift current in that place, it is not very dangerous to sail on it, except where it enlargeth it self, as it doth in great desarts, or else where it divideth it self into several branches, so that the water-men do not know which is the best way for them to take ; wherefore the Merchants that have a mind to come quicker and with less pains to *Bogdet* with their merchandizes, carry them by

by land to *Orpha*, to the famous town of *Carabmet*, which lyeth six days farther towards the east, on the borders of *Affyria* and *Media*, upon the rapid river *Tygris*, where is a great depoſion of merchandizes, that are ſent from thence to *Ormutz* and the *Indies*. The *Euphrates* is continually muddy, and therefore almost not fit to be drunk except you let it ſtand two or three hours, until the land and mud is funk down to the bottom, which ſometimes is of the thickness of an inch : So that in every house where they have no wells, all along the river in towns and villages, they have ſeveral great pots which they fill out of the river, and let them ſtand until it be ſettled, but if they have occaſion to drink of it before, they drink through their towels.

During the time of our ſtaying there they brought us ſeveral ſorts of fishes they had caught in the river to ſell, and among the reſt one ſort called *Geirigi*, which in their ſhape and ſcales were very like unto *Carp*s, only they were not fo thick in the belly, but a great deal longer and bigger, ſo that ſometimes one of them did weigh three *Rotula*'s of their weight, which is about seventeen or eighteen of our pounds. They are very delicate and good to eat, and fo cheap, that we could buy one for one *Medin*, in our moncy worth about three-pence. To catch theſe, our ſhip's crew flung out oftentimes ſome pellets made up with *Cœculus Indic*; which fruit is named by them *Doam Samæc* and preſently after ſome of the fish flung themſelves up at the top of the water, whereupon they jumped out of the ſhip to catch them, and to carry them a-shoar. I ſaw alſo a peculiar ſort of vultures, which were fo tame that they did not only ſit very thick upon the houses, but they ſat down in the ſtreet before all the people without any fear; they are more of an aſhen colour than ours, but for bignefs, height and the reſt, exactly like unto them. Besideſ theſe there was another ſort of them, that were ſomething bigger, and of a lighter colour than the former, and had ſome black at the ends of their wings like unto our *Storks*. They eat alſo carrion, and meat, and are ſomewhat wilder, wherefore they may be affirmed to be the very fame that *Rhaſis* called *Gyuni*, and *Avicenna*, *Rachame*. During the time that we ſtaid there, a *Bafbau* was ſent hither by the *Turkiſh Sultan*, with

with some hundred *Spahi's*, pretty well armed, for his master did intend to make war with the *Trusci* that so he might defend the confines of *Syria*, *Mesopotamia*, and *Armenia*, &c. from being assaulted by them, and to keep every thing secure. The *Trusci* live on the mountain of *Libanus*, and pretend to be the off-spring of those people, that under *Godfrey de Bonillon* did possess themselves again of the land of promise. They are since so much encreased, that they are able to bring into the field sixty thousand, most of which are very good gunners, which if occasion be, they can bring together in a short time. The *Grand Signor* seeing that they encreased daily, so that he did fear they would be in time too great for him, to prevent this, as then the comthon discourse went, and to subdue them, and bring them under his yoke, did summon some *Bashaws* and *Sangiacks*, chiefly him of *Damascus* to bring together a great army, to fall upon them. But which way he did beat them, and how he encroached upon them, I shall (because I did for this time, during my travels, hear no more of it) relate more largely after my return. The *Spahi's* which came with the *Bashaw*, took, because they would not be idle, their diversion in running, shooting with arrows, and in fencing, or cudgel-playing, and sometimes the country people came in with them, and played with them, but not in so many sorts of arms as the fencing-masters do in our country, *viz.* with daggers, swords or halbarts, for these are not in fashion in those countries. They take instead thereof only cudgels, with them they approach towards one another three times, yet not with such flourishes and neatness as our fencers do before they begin, for their long cloaths hinder them. In their left hand they have a buckler which is about a foot diameter round, covered with leather, and stuffed out with hair ; in their right hand they have a cudgel, wherewith they strike strait at one another in the first bout, as the boys do in our country, but in the second and third bout, they strike cross-ways, chiefly in the third which is the last, which they take off cleaverly with their bucklers ; and sometime they strike at one another legs, but never to hurt one another ; when this is done, they turn back and march off. This manner of fencing is very common in these countries.

At

At length after we had staid a great while, several ships did arrive from above, and ours, for which we did stay, among them. So our patron began to load, and to fit himself for our departure : And so did two more that had a mind to go in company with us. One among them belonging to a Turk which was laden only with corn, to carry during the scarcity, which was occasioned by the great heat, and for want of rain to *Bagdet*. We also bought several sorts of fruits, *viz.* *Cibebs*, *Anguria's*, 'Garlick and Onions, &c. and took also along with us some ground corn, as is usual to do in such voyages, which with Rice flower is fit to make puddings, or to bake bread of ; honey and other things to serve as provision for our ship ; for we were to travel a great way through many desarts and places not inhabited where nothing was to be had. For there are no inns upon this river, as upon the *Rhine* or *Danube*, where they dress viuals for travellers against they come. And that we might have sometimes something hot to eat, we provided ourselves with several cooking yessels, as is usual in these cases, to dres our meat in. But the master of our ship still wanting both men and merchandices to load his ship withal, we were forced to stay somewhat longer, for other Merchants which came in a little time from *Aleppo* whereof some were *Armenians*, some *Perians*, others from *Bagdet* and *Balsora*, to us ; with these also came into the ship four souldiers that were listed by the *Turks* to go to *Badget*, to reinforce the confines of *Perisia* : Our master also took in some of their *Jews*, which are worse than ours, and so we were warned to have a care of them. Besides all these we were forced to take in some of their religious men, which had long before begged thereabout, for they commonly live by begging, and desire you to give them something *Alla bitsi*, that is, for God's sake, and yet if they find an opportunity they will fall upon you and rob you. They are very ill-favoured, idle and yet very hardy men, that run about all countries and often do a great deal of hurt ; wherefore one must have a special care of them, chiefly upon the road. Yet for all this they have in these countries very great privileges ; they pretend to great holines and devotion, and pray often, and perswade the vulgar sort of people, that

God

God doth hear their prayers before any others, and grants their desires, but people do not believe them so readily now; as their ancestors have done formerly wherefore they do not remain long in one place, that their roguery may not so much appear.

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## C H A P. II.

*Whick way we went into the ship, and sailed to Racka ; and how the son of the King of Arabia with his retinue came to our ship to demand his customs. What else we saw by the way, and what we did suffer from the Arabians and their mendicants.*

AFTER our ship as well as the others was sufficiently loaden, and with all necessaries provided, we went aboard, and began our voyage in the name of God, the 30th. day of *August*, *Anno 1574* (having stay'd there and lost seventeen days), in the evening, with an intention to go that night three leagues farther. But two of our ships got into a branch of the river, whereof there are several in the very beginning : Our watermen took great pains to bring them into the right way again and stayed for them ; which retarded us so long, that we were forced to stay all night at a market town called *Caffra*, which lieth a good league below, on the top of a hill, where we landed.

The next morning at break of day, we got in again and in the beginning we went on very fortunately, and began to leave by degrees on our left hand the mountain *Taurus*, which extendeth its self eastward, and went more to the right, through the great desarts and sandy places of *Arabia*, where that river divideth it self into several broad branches, that the skippers knew hardly how to steer the right way. When we went on so, thinking of no danger, for the *Turkish* ship was got already very safe through one of them, the second, which we

we follow'd, stuck upon the sand, by the neglect of their pilot towards the right, so that it did not only stick there but took away the stream from us, which turned their ship cross very violently, after such a manner, that we were forced, because we were too nigh, and our ship was in her full running, so that we could turn no way, to fall foul upon it. So ours drove with the stream upon theirs with that force, that we broke the two uppermost boards of their side ; so the water ran in, and the ship sank deeper. Our ship, although it hath received no hurt, yet did it not go on, but stuck by the other. Whereupon we began to labour hard, remov'd the sand below, and made a way to get clear ; after we had half drawn it before the other into the stream, the stream drove it so hard against the other, that also a row and an half of our side-board were broken, and if it had broken the second row quite, we had incur'd the same mischief and damage as they. When we were in this condition, and could not otherwise think but that we must perish all together, yet our merciful God and Lord did order it so, that we did not only secure the breach, but came into the right river free and quit before the other ship, where we did land immediately. After we had recover'd ourselves a little, we did not delay to assist the other, but unloaded our ship to load theirs into it, and so to land them, which we did with all speed ; in the mean time appear'd behind the trees and tamarisks at each side a good many *Arabians*, both on horse-back and foot, and came so near, that they were not afraid to attack our guards we had left with our goods, and to attempt to rob us. But when they found resistance, and heard several guns discharged on our side, they were frighted to that degree (for guns were unknown to them) that they turned their backs and run away as hard as they could drive. At last we attempted to draw out the ship together with some small goods, that were still left in it, which succeeded very well, for when we hoisted our sails and drew them on, and wrought with all our might and strength, it yielded by degrees, so that at length we got it quite off, and brought it a-shore. The loss of their marchandizes, altho' it was but small in

*it was very great in their Silk, Stuffs of Sugar, roots of Zarneb Melchi, which*

is good for the pain in the back, as is here before mention'd, Figs and Corn, which suffer'd very much; wherefore they begg'd of us, that we would be pleased to stay with them, until they had dry'd their goods and mended their ship, so that they might go along with us more safely through these defarts, which we granted them readily. During this our stay, when we were helping them, it fell out that I and one of my comrades were falsely accused by some Jews, before some of their religious men, that we were often fudling with the master of the ship, which the Jews did on purpose to make us outlandish men hated among them, for they do according to their law not easily admit of drinking of wine, and to disparage us; and this his intention did succeed so well, that when their Clergy-men did understand it, they became very angry with us, took our vessel of wine, flung it into the river, and drew in upon the land, where they let it run out, which did not well please the Soldiers and others, wherefore they took our part, and did give the Jews for it a very severe reprimand. But as no good deed remaineth unrewarded, and no ill one unpunish'd, so it happened here; for the chief of them, which was a *Moor* and of the order of the *Dervis*, was the next day punish'd severely for a frivolous cause, whereof I unadvisedly was the occasion. While our goods were yet on shore, I got towards night upon the balls to stand centinel, it being my turn; so when I saw one with a mug full of water, I desired him to give me some to drink, which he was willing to do, and reached me the mug, I going to take it, trod by chance upon a fiddle of one of the *Turks* and broke it: Although he had great occasion to be angry with me for this, yet (understanding that I had glue enough to mend it) he was presently quieted, and well contented. The next morning we sat together and mended the fiddle as well as we could; when the *Dervis* saw us busy about the fiddle, he was very angry that we did not help to spread out the merchandizes, which we had done already before we began; so he took the fiddle, broke it and flung it into the river; then he came back, and pretended to bang us, thinking to have the same success

cess with this as he had with the wine.' But the *Turk* seeing this, took up a good cudgel that was thrown up by the river, and struck him several times over his head and limbs, that the blood ran down his ears and face, and at length he grew so angry that he went to draw his scymeter, but before he could, we stopt in between them, got them asunder, mitigated the busyness, and appeased them. So this faint of theirs looked very dismal in his long and lank black hair, and had besides on his body here and there several scars, *viz.* on his head and breast, and above all upon his arms, which he had cut or burnt himself, which is usual to that order, and other *Turks* to do; which set often on their flesh burning and red glowing spangs, or instead of them linen rags, about an inch thick twisted very hard together, broad below, and pointed on the top, tapering just like unto a pyramid, which they set on fire, and let it burn out with a great deal of patience upon their bare skin, so long until it is quite consumed and brought to ashes, then they tie it up with cotton; they also do the same sometimes in rheums of the head and eyes, &c. to dry them up, or to turn them, and so draw them into another place. So I have seen several which have had at least twenty scars about them, but chiefly on their arms, whereof some were of the bigness of a shilling, besides wounds and scratches they had. But from whence they received this inhumane way (to wound and torment themselves) I do not know, except they had it anciently from the priests of *Baal*, who used to wound themselves with knives and lances (as we read in the 18th chapter of the 3d of the Kings) until the blood followed. These holy scars and tokens of their zeal, I could soon see and observe on this *Moor*, for according to his order, which is a very great one, he was to wear no clothes upon his body neither winter nor summer, only a little scarf to cover his privy members withal: Instead of them they put sheep skins about them, whereon they lie also at night, and so they serve them for clothes, bed, and cover; and so they pretend by their exterior apparel and behaviour, to great vertue and patience, as if they were dead to the world; and to a peculiar holiness, in praying, fasting, watching, &c. whereas they are full of

roguey and knavery, so that you shall hardly find any like them. With this came also several other religious men of several orders, which were all in several distinct habits, as they are in our country ; among them was a very strong well set young man, of the order of the *Geomaliers* as they call it, which are rather secular than clergymen, they are generally *Tschelbys*, that is gentlemen and rich persons, which take great delight in travelling in their young days, under pretence of holines, like pilgrims, at other peoples costs, through several countries and kingdoms, to see and learn, and to get experiance. This had only a blue coat on that covered his body, tied about with a sash, and shooes of sheep skins, such as the *Arabians* in the desarts use to wear. There went along with us two more ; whereof one had a great ring in each ear, about the thickness of a finger, and so heavy that it stretched down his ear-laps to his very shoulders. These are of the order called the *Calendriers*, which lead a sober, and abstemious life before people, wherefore they separate themselves from the people, and walk about like hermits into desarts where-ever they can, to pray there ardently, and to cry out the hours, whereof they have five every day, as the priests do from the steeples, wherefore this man did separate himself, as often as he had an opportunity, far from us, that the beasts could rather fee and hear him, than we that were in the ship. When he had done this, he came to us again, and looked so devoutly as if he had been in a rapture or extasy. The other was a *Dervis*, whereof I have made mention before, which also kept to a very strick order, for he prayed devoutly and ardently, chiefly at night after sun-set, at which time two or three more used to come to him, and among them sometimes some of our Merchants ; they did stand together in a circle, and so began to pray, as I heard often, first very lowly, then by degrees louder, but when they came to the *Leila*, *Hillala*, &c. they were so loud, that you might hear them afar of, and then they repeated only these words very often ; and every time they repeated them, they turned their head from one side to the other, as if they looked upon one another by turns, to shew their great

great love one to another, so they repeat these words very often, and every time quicker and quicker, until they abbreviate them at last, and say only, *Labu Hubu*. By this pratling or jabbering and moving of their heads, they became at length so giddy and weary, that the cold sweat ran down them. But this their faint did not pronounce the words of their prayers with the rest, but struck on his breast with his fist upon his heart which gave instead thereof so strange a tune, as if he had been hallow within, much like unto the noise that a turkey-cock uses to make when he is very angry, so that it would have frightened any man, chiefly if he had been alone with him ; and he would, with his terrible face, rather have taken him to be an apparition than a man. These above-mentioned words he repeateth so often, and so long, until he fainteth away and falls down, and there he lieth as if he were dead. Then the others cover him, let him lie and go their ways. After he hath lain thus a good while as if he had been ravish'd in his prayers, or had seen a peculiar vision, he cometh to himself, riseth and appeareth again. All these saints, although they practice their religion after a peculiar manner, which according to their opinion, is quite surpassing that which is prescribed in their law, to move the people the sooner (regarding their severity in living, their great patience and frequent extasies) to believe them, that they under pretence of piety, may go on in their hoggishness, uncleanness and robberies, as they do, without any controuling : Yet because their idle hypocrisy, and great rogueries do daily appear more plainly, not without great damage to the country, therefore they are no more in so great esteem, nor have so much given them as formerly. Concerning their strange way of praying, chiefly that of the *Moors*, their own people have often told me, that because such a devotee changed his natural voice given him by God, into an unnatural one, therefore he ought rather to be accounted a beast than a man, and consequently much less ought to be esteemed a divine. Thus much I thought convenient to relate here of their Mendicants that travelled with us, and now I come to my former purpose again.

After we had spent four days in drying our merchandizes, and in mending our ships, we did load them again, and so set out the next Friday, being the third of *September* about noon. All that day we saw nothing but bushes on both sides of the river, wherein were several wild beasts, but above all wild boars, till night, when we came in sight of a little village about two or three miles distant upon the ascent on our left hand, where we landed and staid all night. In that place I found nothing but a bastard camel's hay, which was like unto the true one, but without any virtue in it.

The next day our navigation proceeded very well, and at noon we came to a strong cittadel call'd *Galantza*, which is situated at this side of the river, on a hill belonging to the king of *Arabia*, with whom the *Turkish* emperor, as I was informed, and could understand, that did not know their language well, had long and heavy wars; and could have done him, because he could not follow him through the desarts for want of water and provisions, no great hurt, if the King's eldest son had not put himself into this castle, believing that he might be secure there from any assault from without, wherein he was mightily mistaken. For after the *Sultan* did understand that he was there, he was resolved to take it notwithstanding all difficulties. And therefore he summond all his forces together in the year 1570, and did assault it in three places at the same time, so long and so often, until at length he took it by storm, and so he made the King's son his prisoner, and carried him to *Constantinople*, where he had, as they say, his head cut off the following year. This castle, being surrounded with strong walls, and having within a very high and large tower, is still, according to my apprehension, very strong, but yet it lieth in ruins, and the three opens places remain unrepaired. At night we landed in a small island, which was not inhabited, and in the middle of the river we did not question but we were there very well secured from the *Arabians*, and yet notwithstanding, as soon as we had supp'd, and began to go rest, some of them came creeping along to us about midnight, rather to visit our goods than us. But because they durst not venture to go to our ships, with-

without great danger of being discovered by our watch, they did visit them that rested on shoar, and had taken something considerable from them, if they had not been discovered immediately by them, and had retaken from them again that which they could not so readily carry over the river.

Ths fifth day of *September*, some *Arabians* appeared on shoar early in the morning ; by and by we saw more at a great distance upon the height, and some squadrons of horse of forty or fifty strong, ride about ; from whence we concluded that the King's camp was not far off, which proved to be true. For about noon after we landed, the King's youngest son came riding to us on a high black horse, with a retinue of about one hundred men, most of which had bows and long pikes made of reed. He was but young, about twenty-four or twenty-five years old, of a brownish colour, and had a white turbant on his head made of cotton, one end whereof hung down behind about a span long, according to their usual custom. He had on a long gown made of ordinary sheeps skins with the wooll on them, which hung down to his ankles, and so had all his courtiers, which were in their common dress so like unto one another, that one could not have discerned them, if his had not been edged with some gold lists, as we use to edge childrens coats in our country, about the neck and sleeves, and had not had long sleeves, whereon were some escutcheons to be seen. Because custom is due to the King of *Arabia*, by reason of the *Euphrates*, therefore this young prince came to demand and take it ; so he went into the river, and rode first to the *Turkish* ship, to see what goods they carried, but finding nothing but corn therein he did not stay long there, but came to ours, his servants that were on purpose ordered for that, helped him soon up into it, and placed him in the middle of it on a bale, but they themselves went about from one Merchant to another, to visit their goods, and did open now and then a chest or a bale, and took some out of them more or less, according as they liked them, so that it was a great while before they came about from Merchant to Merchant. In the mean while, they brought also

into the ship a young Prince, perhaps two year's old, which one carried before him on horse back after his father. He had nothing on but only a cotton shirt, and rings about his neck, wrists and legs, made of fine *Arabian* gold. At length his servants came to me and my comrades into the poop of the ship; but before we began to shew them any of our goods, they saw my gun that was inlaid with ivory, which they took immediately, to shew it to their master, with a great deal of admiration, being such a one as they had never seen their life before. The King took it presently into his hands, and was mighty well pleased with it, and said that it was outlandish-work made by the *Franks*, (by which name they call outlandish men, *French*, *German*, *Italian*, &c. because they know no divisions or distinctions of our country,) so we went both to him, and acquainted him that we were lately come from those countries, with an intention to go into the *Indies*. After the King understood this, he spoke very kindly to us, and bid his man to leave off and to search no more our goods, and enquired after several other things, and at length he told my comrade that he thought he had seen him before; which was very true, for when my comrade lived at *Aleppo*, where he had drove the Goldsmiths trade for a great while, he and others were sent to the King, who was then at a little distance from *Aleppo*, by the Consul of *Venice*, to present him in his name, with several presents, whereof some were costly and rich wrought clothes, when they came to him, and presented them to him, he took them with a great deal of kindness, and treated them very honourably, and shewed them several sorts of sport, as jumping, running, &c. that they might see that he had a great many brave and handy soldiers; and did dispatch them very generously again, and promised them, as my friend told me, all kindnesses, chiefly to their masters, saying, that if they should have occasion to make use of him against the *Turks*, he would faithfully assist them, and that he did not doubt at all, if they should agree together, but they might go a great way with him in these countries; nay, advance farther upon the *Turk* in a short time, even to *Constantinople* itself. After

ter the before-mentioned discourse, the King went to his tents that were pitched on a plain by a hill, within two miles of us, and took some of our company along with him to discourse his father about our concerns. I would willingly have presented the King with my gun, altho' we had to travel through many desarts, and perhaps he would have been pleased with it, but durst not do it before the *Turkish* Soldiers, Mendicants and Jews, for I feared, that they would betray it, and accuse me before the *Bashaw* and *Cadi's*, which soon would have made me punishable, altho' innocent, as they use to do to strangers; nay, sometimes those of their own nation; and besides, I did remember, that when the King was encamped near *Aleppo*, and some of his men did daily come into the town to buy provision, cloaths and other things, that then it was strictly forbidden to sell them any arms, bows or pikes to take along with them into the desarts. After we had staid for our friends a great while, they came so late to us, that we were hindred from going any farther that day, for it began to be late, and so we staid there all night. They told us, that the King, after they had told him that we came from *Aleppo*, would not believe them, but thought rather we came from *Saphet*, which town is within a day's journey of *Sidon*, which the *Sultan* had taken from him a little while before, that he might have a pretence to arrest us and our goods; and that he did so obstinately persist in this opinion, that they did really fear he would have sent some of his men with one of us to *Aleppo*, to know the certainty thereof, until they plainly demonstrated to him by their letters from whence they came; whereupon he gave them liberty to go on in their journey. But I understood afterwards, that it was only to pres something more out of them, as he really did, for they were forced to give him some knives tip'd with silver that came from *Damascus*, and also some damasks.

On the sixth of *September* we were up early, and passed between great wildernesses, wherein were abundance of wild boars, that appeared sometimes in great herds: These wildernesSES continued so long, that we saw nothing else the whole day but woods, till in the evening we came

to *Cala*, a village and castle on this side of the river, which is no more but two days journey from *Aleppo*, situated in a plain ; from whence you may conjecture how crooked the river is hitherto. This castle belongeth to a great Bashaw, called *John Rolandt*, and also the fine house at *Aleppo*, as is before-mentioned. He hath very great revenues and sixty sons : Six or seven of them are Sangiacks, whereof some live at the Sultan's court. Beyond this castle on the other side of the river, we lodged all night in the wilderness, which continued so far, that we saw nothing all the next day long, but only here and there a little cottage of the *Moors*, which generally are built upon four sticks, and covered with bushes : Within them there are so many children, that I have often admired at the number of them. They run in their first infancy to the river, and learn to swim so well, that they undertake without any fear to swim over the broad river. When we went by, the *Moors* saluted us very often, if the distance did not hinder them, and that chiefly to learn of us where about their King was in the country. For they have so great a respect for their King, altho' they are an 'idle and vagabond people, and unanimously shew him such obedience, as no other nation doth to their superiors ; which also you may guess by this, that if any outlandish man hath a mind to get safely through the wilderness, or to see their King, let him but cloath himself in their habit, and take a *Moor* along with him to shew him the way, and to be his interpreter, they will readily tell him the way to go to him ; or when they see that he hath one of their own nation with him, they let him pass without any molestation or examination. So that those that are slaves on the confines of *Arabia*, might easily free themselves without any trouble or danger. Their wives did also often come to us, and brought us milk in great flat dishes, which they shewed us at a distance to sell ; wherefore we did land sometimes and received it, and gave them biscuits for it, for they have great want of corn, so that this interchanging pleased us both. We used to break biscuits into this milk, and so to eat it for dinner or supper, and sometimes if it was too thick, or rather too little of it,

it, that it might go the farther, we used to temper or mix it with water. They have also sometimes put it into oblong linen sacks, which it did hardly penetrate, and let it hang in the ship for two or three days, until it did curdle and came to be in curds, and so it used to serve us with biscuits and onions for breakfast or for supper. When we did land and had time to spare, I used to look about me for some strange plants, and among the rest, I found a peculiar *Schœnanthum*, which was very like in figure unto the true one, but had not it's virtues, and the first kind of *Rhannus* of *Carolus Clusius*, with fat leaves like unto houfleek. I found also goats rue, and a strange sort of willows, which still are called by the inhabitants by their old name *Garb*. There also were abundance of tamarisks ; they were as big and high as our cherry or plum trees, wherefore these trees are discerned soon at a distance by their height ; they have very tender leaves, and long purple coloured tops, as you see in the second kind of our tamarisks, so that between them and ours, there is no great matter of difference, but only in bigness and fruit, whereof I found none at that time. The *Moors* feed their cattle for the most part, with those bushes that grow at the river side ; for in the wilderness and desarts, where the ground is very sandy, lean and barren, there is but little grass or tilled ground, which occasioneth the great scarcity of bread among them, so that often they see none in a great while, and are forced to eat their other food, as fish, flesh, cheese and milk, which they take from goats, sheep, camels, &c. without bread ; so that these poor people make a shift with a mean diet ; and yet they are strong and in good health, and live to a good age. At night before it was dark, I saw another fortification at the other side in *Mesopotamia*, on a high hill called *Jabar*, belonging to the King of *Arabia*, which is very large, and hath several towers in the wall, so that as far as I could see, it was very like to that of *Aleppo*. We staid all night on this side of it, in an island where we had been robb'd again, if we had not kept a good watch so as to perceive the thieves, and to let off several guns ; yet this we did not to hurt, but only to frighten them ; for if we

we should have kill'd or wounded any of them, they would have fetch'd immediately some, according as they are in strength, it may be a thousand together to revenge their friend to fall upon us, to beat us and to plunder us, whereof they are very eager, and to take all we had. The same happened to us the next day in another uninhabited island of the river, where we would dress no victuals that night, that they might not spy us by our fire, to find us out and to fall upon us. For when we expected to keep ourselves thus quiet, and to rest in good tranquillity, they did not miss us, but came to us in a greater body than before, and that so near, that we could not only hear them, but they began to talk with us. But when we saw that they were in earnest, we rouzed up ourselves, and got into order, and spoke big to them, and bid them to offer no violence to us, for if they did, they would find greater resistance than they expected. But when we saw that this our exhortation would do no good, we were forced again to have recourse to our guns, whereof we had but three, which we let go off, which frightened them in such a manner, for they are not used to them, that they ran away and left us in quietness. But it is no wonder that the *Arabians* are so restless, for they are full of want and nakedness, have not to fill their belly, nor to cover their body withal ; besides, they have nothing else to do, and are used to idleness from their very infancy, and then because they hate to work, they are forced to wander like vagabonds from one place to another. And (if they will maintain themselves and theirs) to seek their livelihood from those that travel through their country. So several times there came two, three, or four together, swimming through the river, were it never so broad or deep, to our ship, whereof some were black and some brown, which came as naked into our ship as ever they were born into the world, to beg a piece of bread ; to each of them we gave as much as would content them, so they went sometimes for a whole league along with us ; and when they had eaten the bread and thanked us, they jumped into the river again and swam away. Besides these we saw daily as we went along, many more swim over the river, which commonly  
had

had some bucks-skins blown up, whereon they tried to get over the easier, for the river is so broad, that it is not easy to make a bridge over it, neither did I find any. They take their shirts (for besides them they wear no other cloaths) tie them with their leathern girdles about their heads, and therein stick their daggers (which are pretty broad and bended like unto a scythe) which hang down by their temples.

The ninth day our voyage went on again chearfully, and we came pretty near the town *Racka*, which belongeth to the *Turkisb* Emperor, but it did not continue so long, for before we had dined and eaten a few fruit, viz. Cibels, Anguries, and *Indian* Musk-melons, to refresh ourselves in the great heat, we incur'd greater danger again than that we were in before, for our ship, which was a great deal bigger than either of the two, did strike upon the sand so severely, that we could not bring her off again without assistance of others, as we had done several times before, nor bring her into the right way again. So we were forced to desire the *Arabians* our antagonists, which stood and looked upon us, rather rejoicing at our misfortunes, than pitying us, to assist us, which at length we did obtain, and so they came to help us: But because they had their daggers, and great cudgels, which they use to wear with them, we durst not trust them, but were forced to leave a small guard in the ship, but the rest of us helped them with all our force and strength, but we could not stir her, so that they went away twice and left us. At last we concluded, that we had no better way than to unload our ship, yet we durst not do it for fear of the *Arabians*, nor venture our merchandizes; so we resolved to draw her out another way, wherefore we desired the *Arabians* a third time to assist us, and if they were in earnest to help us, we begged of them to lay down their arms, which at length, upon our promising them a good reward, they did. When they came we took also our guard to our assistance, set all hands at work, and with hard labour we brought it at length into the right stream again, so we paid the *Arabians* and went on, and came that same night to *Racka*.

## C H A P III.

*Of the city of Racka, and of it's situation, and also something of the departure of the King of Arabia, and of his league with the Turkish Emperor, and also of the trouble we had with the Custom-house Officer or Publican.*

**R**ACKA, a town of Mesopotamia, is situated in the desarts of Arabia upon the great river Euphrates, between two ascents, so that you cannot see any thing of it before you can come near it. There is a castle by it, which is given to a Sangiack by the Turkish Emperor to keep it with 1200 Spabi's. This town is pitifully built, and not well guarded with walls, it having been built after the Desolation of the old town, which was situated on the hight, as one may see still by the old wall, and other arches and pillars. Among the rest there is yet standing a very ancient high building, which is still very strong, and looketh very great, altho' it is much decay'd and run to ruin, and such as one shall rarely see, so that one may conjecture, that it hath perhaps been formerly the seat and habitation of their Kings or Magistrates. Between the new and old city lieth a castle, which is also old and pretty strong, where is kept a Turkish garrison, it being on the confines or limits of Arabia and Persia, &c. to defend them and all the country from danger and incursions. The old town is besides this quite demolish'd, and even with the ground, so that here is no convenient place where the Turks can exercise themselves in running, cudgel-playing, &c. but this, where I have often sat upon the ruin'd walls, and look'd upon them when they were a playing. To the Desolation of this town have very much contributed the Tartars, under their King Haalono, who took it in the year of our Lord, 1260, and not long after the town and

and castle of *Aleppo*, with the help of *Ayton* King of *Armenia*. Some will have this to be the town of *Rhagos*, which is also called *Edeffa*, whither the ancient and pious *Tobias* did send his son from *Nineveh* to his friend *Gabel*, to fetch the money from him which he had lent him : But because this lies a day's journey farther from the river *Euphrates*, therefore it cannot be the same.

After we had landed there, the receiver of the custom came on horseback to the shoar, and desired the master of the *Turkish* ship to deliver his arms, lances, and bows, who absolutely deny'd it, seeing that it never had been a custom before ; whereupon they fell about this into such a hot dispute, that they began to draw upon one another, and had not we timely put in between them, it would have caused a great tumult. The reason why this man behaved himself so strangely, was, because we did not go with our goods to *Carahemit*, which town is distant four days journey, and situated on the rapid river *Tygris*, to have laid there upon that river, where he would have received a great deal more custom, that also belonging to him. But the *Turk* not mattering him, having nothing in but corn, which he would not carry, he let him alone, and came to us as strangers, thinking to make up his loss from us, and to frighten us out of it. He staid all night in the ship, and lay between us, fearing that we should hide some goods from him ; and sometimes he came upon us with big words, saying, *Seeing that it was not allow'd to us outlandish men to travel in these parts, therefore he could not but take us to be spies, that came to discover, rather than for any thing else, wherefore he had reason enough to take our goods in arrest, and send us two spies as to Constantinople, to make us slaves to his master the Great Sultan.* After we had heard this his unreasonable discourse, and were also sensible of his intention to cheat us, we were not presently frighten'd, but drew out our pafs we had from the *Bashaw* and *Cadi* of *Aleppo*, and shew'd it to him. He look'd it over, and after he understood that he durst not very well act against it, he went away from us with a deal of indignation, and immediately he began to quarrel with all the Merchants of the two ships, and desired of them an unreasonable sum to pay him as toll, whereof

whereof they complain'd heavily ; but he went on, and would accept of no reasonable conditions, but took away our rowers from our ships, to hinder us from going away, to squeeze us the more. But the Merchants, altho' they saw his earnestness, they did not matter it, but sent on the 11th of September one of them with a Moor to *Carabemit*, to the Great Bashaw, which was the son of *Mahomet Baffa*, to complain to him of these impositions and extortions. When the toll-keeper did understand this, he follow'd them with his son immediately. But because he did not find the Bashaw, who was then in another place, call'd *Giselet*, whither our friend was forced to follow him three days journey from thence, he return'd again immediately. Although he did not speak with the Bashaw, yet he falsly told us, that it was the Bashaw's order that we should pay him ten ducats *per cent.* Notwithstanding that, ours did not know any thing, yet they would not trust him, but had carry'd the best and greatest part of their goods out, before he came into the ship to search, and also some thereof they bury'd in the sand by night, where the *Turks* and *Moors* went over by daylight, and yet they could find none of these hidden goods. The next morning early the Publican came with his crue, and search'd every thing with a great deal of care, as if he had a peculiar command for it, but did not find any thing near, as you may think, what he expected. When he was thus very busy in exercising his office, our friend came in at last, and told us, that the Bashaw was very much displeased that the Publican did deal so unjustly with us, contrary to the orders and law of his master, the Grand Signior, and did keep us so long, and hinder us in our navigation. Wherefore he had writ to the Sangiack in our behalf, and ordered him on pain of death, to take all care that we might not be detain'd any longer, but to take the Publican prisoner, and to send him to *Constantinople*, to have him try'd at the court kept for that purpose every fifteenth day, and that he feared very much, that he would pay for this his misde-meanor with his life.

In the mean time we were thus detained prisoners on the rivers of *Babylon*, expecting with a deal of patience the time of our deliverance, it happened, that the King

of *Arabia* broke up with his retinue from here-abouts on the 21st of day of *September*, and travelled towards the south in great numbers, to find better pastures for his beasts, as horses, asses, and camels, that they might the better subsist; for in these places there are not so many villages, towns and market-towns, where they might have their continual abode. Neither do they love farming nor trading, but are contented, if they have a great stock of cattle, and good store of grass for them, that they may keep them. So if they come to a rie let, where a little herbage or grass groweth, they immediately erect their tents there, to stay there till want forceth them to remove, and to look out for another place. When they break up, they take alonȝ with them man, maid, beasts and all their whole substance, as I did see them remove at this very time, and come towards this town in great numbers, so that the *Turks* kept their gates shut up for four days, until they were all passed by. On horseback they are armed with darts and bows, &c. and also if they ride on camels, whereof they have very a great number, chiefly when the King is moving from one place to another, as some of them did relate to me, where generally are employed 150000. I myself have once seen at one time together about the number of 3 or 4000 camels. They are strong and hardy creatures, fit to carry heavy burthens, and also to subsist without drinking in the greatest heats for three days together. They stale out between their hind legs, so that those that go in caravans behind them must have a great care, that they be not hit by them, and so become all bedaubed. Their horses are very noble, neat, and fit for busines; they seldom feed them more than once a day, although they ride them very hard all day long through the wilderness. They commonly cut off all the hair from their mains and tail, so that their tails remain very naked, and look someting like the tail of a lion. They put their wives on little asses, and also upon high camels with their children, three or four of them together in boxes, as it is the fashion in these countries. They are of a brown colour like unto our Gypsies, and almost the fourth part of them black, whinch difference of colour proceedeth from their travelling up and down to places

where blacks are, and sometimes leaving their own there, and taking blacks in the room of them. The King of *Arabia* is always encamped in the fields, and never cometh into a place that is shut up or enclosed ; and this the less now, after the mischance of losing his son that retired into one, happened ; so he goeth from place to place like unto the *Tartars*, so that often it is not known where he is. In the summer-time he goeth farther to the north, and in winter to the south, to avoid both the heat and cold, and to have better subsistence and provision for himself, his men, and cattle. So it hath happened several times, that the *Arabians* in their march have come too near the *Turks* dominions, and the *Turks* again to his, from whence arose between these two great Princes such differences, that they are come to great and bloody wars. And yet for all this, as I am credibly informed, they have now both made a peculiar league and contract between them, wherein it is agreed that if the Grand *Turk* should go to a war with his neighbours, then the *Arabian* King will assist and defend him, wherefore the Grand Signior writes to him as his cousin and good friend, and is to pay him the sum of 60000 ducats yearly as his certain salary or retaining fee. And besides all this, the Sultan sends to the new King of *Arabia* after the decease of the old one, a standard with his coat of arms in it, which together with other presents he sends him with usual ceremonies, to congratulate him on his happy coming to the throne, and to renew and confirm their alliances. Their religion doth contribute not a small matter to this, which (together with all their ceremonies, and all other points) is the same almost they profess in both nations : And they take as many wives as the *Turks* do, neither do they extol or magnify one before the other, because they come from better parents, being they buy them all from them. And therefore none of them are excused, because she cometh from a greater extraction, from doing the family-business, nor hath a poor one more put upon her because she came from mean extraction. So one of the King of *Arabia*'s wives is a daughter of a man that keeps a sawing-mill at *Racka*, which by him (although of mean extraction) is as much respected as any of the rest. Her father

father and brothers are very good people ; they came very often to us, and shewed great compassion, for that we were so abused by the Publican. His mill is not drawn by horses as ours are, nor by water (for they know nothing of that) but two of them cut the wood with great hand-labour. During our staying there a young *Arabian* gentleman, nearly related to the King of *Arabia*, came very often to us to the water-side, who was always accompanied with twenty servants with bows and darts ; he had a delicate white turbant on, and a long violet coloured caban made of wool, but his servants went pretty bare, for some of them wore black caps and long indicq coloured shirts with wide sleeves, which they girt up with broad leathern girdles, wherein stuck bended daggers or bayonets, as it is their usual custom. It once happened, that some of us being upon the high town-walls together, from whence we had a pleasant prospect down into the valley to the great river *Euphrates*, this same gentleman came to us again, and seated himself with his retinue overagainst us, and presented us with some dried Cicer Pease (whereof I have made mention before) and some Cibebs mixed together, which we thankfully received ; and to shew our thankfulness, we presented him again with some Almonds, Figs, Nuts, and some very good sweat-meats we had brought with us from *Aleppo*, which he also received very kindly. So we all began to eat each of us part of his present, and drunk with it some water of the *Euphrates*. After we had eat them all, and we thought the time to be long, he beckon'd to one of his Musicians, and bid him to divert us with his instrument, which he pulled out presently (which about the neck looked very like unto a cittern) and we expected to hear some rarity, but when I looked upon it, and saw it had but one string that was as big as a cord of their bows, he began to play some of their tunes, but with what art and dexterity you may easily fancy. He did this for almost two hours, and according to his opinion very harmoniously, but we thought the time so long, that we were very glad when he had done.

About the river I found that sort of *Acacia* that beareth roundish and brown-coloured pods, called *Schock*

and *Scamuth* by the *Arabians*: Some thorns called *Algul*, whereon the *Manna* falleth, chiefly in the county of *Corasen*, as *Avicenna* tells us. *Chamefyses*, some strange kinds of mosses, which are very much differing in bigness: Among the rest I saw the low prickly herb, by some esteemed to be the *Tragun* of *Dioscorides*. Below, close to the river, I found the *Herba Sacra* of *Dioscorides*, which the learned *Carolus Clusius* hath accurately described in his *History of Outlandish Plants*, book ii. chap. 45. and just by these, more strange ones, chiefly a delicate one growing plentifully there in the sand, which had from five to eight tender stalks, which spread themselves into others that were very full of joints, so that it crept rather on the ground than grew up; by each of them stood three or four roundish *Marjoram* or *Origanum* leaves together, and above between them some star like white flowers, with six pointed leaves like unto our *Ornithogalum*, each of them on a peculiar foot-stalk, the seeds thereof I have not seen, but the roots are small and fibrous, which together with their small bitterness have a pretty exsiccating quality; and so in this respect are very like unto the *Polycemon* of *Dioscorides*, but whether it be the same or no, I leave the learned to decide. Besides those before as we came down the river, I saw a great many large *Tamarisk* trees, and abundance of a certain kind of *Agnus Castus*, almost like unto the other, only a great deal less, and it had no more but three strong *Claver* leaves; but above all the *Galega*, called *Goats-rue* in our language, which in these parts groweth very high, and in so great plenty, that on the river-side I could see nothing but this for several miles together.

## C H A P IV.

*Of the Inhabitants of the mountains, and the great wilderness we came through to Deer : Of their ancient origination, and miserable and laborious livelihood.*

UPON this good and severe command of the *Bashaw*, son of *Mahomet Bashaw*, we were acquitted of our long arrest, and went away about noon on the 27th of September ; we went again from thence through such great desarts, that for some days we saw nothing worth relating, but here and there little huts made of some erected boughs, and covered with some bushes, wherein the *Moors* with their families live, to secure themselves from the great heat, rain and dews that are in these parts most violent, so that I admired how these miserable people could maintain themselves and so many children in these dry and sandy places where nothing was to be had. Wherefore these poor people are very naked, and so hungry that many of them if they saw us afar off, would fling themselves into the great river, and swim to us to fetch a piece of bread. And when we flung at them whole handfulls, they would snap at it just like hungry fish or ducks, and eat it : Others did gather it and put it into the crown which they make neatly of their sheets on the top of their herds, and so swim away with it. After these sandy desarts had continued a great while, we came at length out of them between high, rough and bare hills, which were so barren that there was to be seen neither plough-lands nor meadows, neither house nor stick, neither high-way nor foot-path, wherefore those people that live there, have no houses, but caves and tents, as they have in the great desarts; where because of the great heat and drynes, the

soil is so barren, that they cannot subsist in a place for any considerable time, nor have villages or certain habitations: Wherefore they wander up and down, fall upon the caravans and plunder them, and make what shift they can to get a livelihood. These mountains, as I am informed, reach to the river *Jordan*, the *Dead* and the *Red-Seas*, &c. wherein are situated mount *Sinai*, *Horeb*, &c. and the town *Petra*, which by the prophet *Isaiah* is called *Petra of the Desarts*. The *Arabians* that live in these desarts, and round about them, are extraordinary marks-men for bows and arrows, and to fling darts which are made of canes: They are a very numerous people, and go out in great parties every where almost: They are a very ancient nation, and come from the sons of *Ishmael*, but chiefly from his eldest son *Nebajoth*, and were anciently called the war-like *Nabathees*, and their country, the land or province of the *Nabathees*, which *Josephus* testifieth in *Book i. Chap. 21.* where he says, that the twelve sons of *Ishmael*, which he had by an *Egyptian* wife, (his mother *Agar*, from whom they were called *Agarens*, as you may see in the first of the *Chronicles* and the sixth verse, being also of the same country,) were possessed of all the country between the *Euphrates* and the *Red-Seas*, and called it the province of the *Nabathees*. The *Midianites* that bought *Joseph* of his brethren, and carried him into *Egypt*, may also be reckoned among these. This same country is also chiefly by *Pliny* (because thereabout are no other habitations, but tents, wherein the inhabitants, live) called *Scenitis*. From this we may conclude that the prophet *Isaiah* in his 60th Chapter, and *David* in the 120th *Psalms* did speak of them, when chiefly the latter maketh mention of the tents of *Kedar*, whereby he understands a country that is inhabited by such a nation, as liveth in tents, and is derived from *Kedar* the son of *Ishmael*, whom his father *Abraham*, as a strange child born by his maid *Agar*, did thrust out together with his mother into the desarts; his words are these, *Wo is me, that I sojourn in Mesheck, that I dwell in the tents, of Kedar*. In our times these and other nations are called the *Saracens*, which have very much encreased under *Mahomet* (who by his Mother was an *Ishmaelite*) and did

did spread very much ; and so they were in *David's* time a very strong nation, wherefore he prayeth very earnestly in his 83d *Psalms*, that God would punish and slay and disperse them, as enemies of his holy church. But that I may come to our former Intention again, here the *Arabians* again asked us very often, where their King was at that time, so that our master had business enough to answer them ; whereby you may observe what great respect and love they have for their King. But that they might not altogether look upon us as outlandish men, nor presently discern us to be strangers, we did sometimes when there was occasion for it, change our turbants, and let one end thereof according to their fashion hang down, which they do to make themselves a shade against the heat, that is very cruel in these countries. But yet if any body, be he who he will, doth enquire after their King, and wants to come before him, to present him with a suit of cloaths, &c. or to desire a pass from him, or if one should go about to hire one of them, to shew him the way to a certain place, or through their country which he may do for a very small price, he would soon find one or other that would be ready to do it ; but among the *Turks* there is no such obedience ; for if you should desire any thing of them to do in the name of their *Sultan*, they are not willing to do it, except it would redound to 'their great profit. Wherefore a *Turkish* guide to conduct you would cost you a great deal more than one of them. Besides, they also remember their master daily, and hardly speak of any thing but of him, his great riches, &c. but with such pride and greatness, chiefly when they speak of his powerfulness, and enlarging of his kingdom, as if some share of these were belonging to them, and that they must be respected for it. In this navigation through the great desarts, we two did not spend much, because the towns were at so great a distance from one another that we could not reach them, to provide our selves daily necessaries (as we do in our country on the *Danube* and *Rhine*) or lodgings. We were necessitated to be contented with some flight food or other, and make a shift with curds, cheeze, fruits, honey, &c. and to take any of these with some bread for a good entertainment. The honey in these parts is very good,

and of a whitish colour, whereof they take in their caravans and navigations great leathern bottles full along with them ; this they bring you in small cups, and put a little butter to it, and so you eat it with biscuits. By this dish I often remembred S. John the *Baptist*, the fore-runner of our Lord, how he also did eat honey in the desarts, together with other food. Besides this when we had a mind to feast our selves, some ran, as soon as our master had landed at night, to fetch some wood, and others in the mean time made a hole in the ground on the shoar, in the nature of a furnace, to boil our meat. So every company dressed accordingly what they had a mind to, or what they had laid up in store ; some boil'd rice, others ground corn &c. And when they had a mind to eat new bread instead, or for want of biscuits, they made a paste of flower and water, and wrought it into broad cakes about the thickness of a finger, and put them in a hot place on the ground, heated on purpose by fire, and covered it with ashes and coals, and turned it several times until it was enough. These cakes were very savory and good to eat. Some of the *Arabians* have in their tents stones or copper-plates made on purpose to bake them. On the 4th day, being the last of *September*, about noon, we came to the end of the mountains, before which without, on this side, lieth a very strong citadel, on a high hill, built three square, by the inhabitants called *Seleby*, whereof two points go downwards towards the river, and the third upward a great way on the mountain, so that in it's situation it is very like unto *Baden* in *Switzerland*. Although it is demolished, yet it is still very strong in it's walls, that are to be seen at the top and on the sides, chiefly towards the hills, and the river side, to hinder the passage both by water and land. There are also still standing some watch-houses without, as you come towards it near the mountains, which may hold three or four souldiers : yet it lieth still to this day in ruins, and so desolated, that nothing but birds and beast inhabit it ; whereof a great many appeared on the river side, as *Herns*, *Ducks*, that were very large and of a delicate colour, and others among which were some of a white colour, called *Pelicans* by *Aristotle*, and *Onocrotali* by others, which are as big as *Swans*; the prophet *Zephaniah* maketh also mention

mention of them in his second chapter, when he prognosticated the punishment that was to come to the *Ninevites*, *Affyrians* and *Moors*; there also appeared some quite black with long necks; whereof I did see abundance in my travels into the *Land of Promise*, and especially near *Acon* among the rocks and crags of the sea; as far as I could discern them at a distance, they seemed to be a kind of a \* *Sea-Eagle*, that feed more upon fish than any thing else. Six miles lower, and at the other side of the *Euphrates*, lieth still another fortification, which is called *Subiau Seleby*, that is, lower *Seleby*, on a very high bank, and seeing that we sailed very near it, I could not well discover it. Of these two which way they were besieged and taken; and also of the way of government, or ruling of the Kings of *Arabia*, &c. I should have been very glad to have been a little better informed, but the language wherewith I was not well acquainted, did hinder me. And suppose I should have understood it very well, or enough to have made an enquiry after those particulars, yet I could not have done it without great danger, to have been taken for a spy; for they soon suspect outlandish men on every little occasion, which those that trade in these parts have often experienced not without great losſ and danger. Beyond the mountains in the low country we saw more tilled grounds, and habitations of the *Arabians* than we had done before, wherefore our master landed sooner than he used to do, near a village, to take in provision for our farther journey, where the people brought flesh and *Indian Melons* to us to sell. Here it happened, that about midnight, one of the *Turkish* soldiers went out to ease himself on the river side; and when he was busy about it, a *Moor* came creeping along to him, and thrust him into the river before he was aware of it, and run away. The *Turk* finding himself in the *Euphrates*, fell a crying out for help; I hearing him, standing centinel that night did not fail him, but made what haste I could, with my scymeter in my hand, followed his voice, and came to the place, although it was very dark, drew him out, and brought him into the ship, which was so kindly taken by

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\* I guess them rather to have been Cormorants; no Eagles having long Necks.

by the rest of the *Turks*, that I got mightily into their favour, and received many kindnesses of them all the way until we came to *Bagdat*, the garrison which they went to reinforce.

The first of October when our Voyage went on again, there came early in the morning a post of six *Arabians* on horseback to the river side, to inquire of us whither their King was gone, or where we thought they might find him ; they had received letters for him from the Sultan, wherefore they must follow him until they found him. The master of our ship told them, as he did to every body that ask'd him, that we had seen him in *Mesopotamia*, which province he call'd *Amanachqr*, that he was broken up with his Men to go back into *Arabia*, where they would find him. After this relation they departed, and we went on our way, and soon saw below a town to our right at a distance, call'd *Seccard*, very well situated on an ascent, belonging to the King of *Arabia*, wherefore some of the *Turks* said, that none but *Haramiquiber*, that is, *great Thieves*, lived in it, which they do out of spight to all them that are subject to any other master than their Sultan. This town we passed by, and went directly towards *Deer* another town, whence we were then three leagues distant, yet they do not account their distances by leagues, for they know little or nothing of it, but rather reckon by days journeys, for their towns are so situated at such a distance, that they have sometimes to go through divers wildernesses, several days, more or less, before they arrive there. Before we came thither, one of the ships in our company did go too much towards one side, toward a branch of the river, that runs by the town, for it divideth itself into several branches, where it got into the mud and stuck. Our master seeing this, landed immediately, and did send his men to help them. So I got time to look about for the strange plants, and found there about the river many *Tamarisk-trees*, also a peculiar sort of *Willow*, which the inhabitants still call by it's ancient *Arabian* name *Garb*. These trees do not grow high, but spread very much ; the twigs thereof are stronger and not so tough, as to make bands or withs as ours will ; the bark is of

a pale

a pale yellow colour, and so are the leayes, which are long and about two fingers broad, and at the edges round about crenated, so that they are very much differing from the rest of this kind. I found them to be of a pretty drying and astringent quality. Of their flowers and fruit, whereof *Avicenna* maketh mention in his 126th and 686th chap. I can say nothing, because I saw none. Hereabouts the *Turk*, that would not stay until we were cleared, but went away before us, suffer'd shipwreck, and so lost a great deal of his corn, that he intended to carry to *Bagdat*, call'd *Baldac*, to sell it in the great scarcity, which was occasion'd for want of rain, for there fell none in the space of two years and an a half. And yet, as they say, if it raineth but twice or thrice a year, they have enough to supply themselves. After our men had wrought longer than an hour together with theirs, until they had emptied the ships, they came to us again to go that night to *Deer*. But there being several rocks before it, which were very dangerous to pass, some of their pilots, that understood the depths, came out to meet, and did help us, so that we got safe there. The town of *Deer*, which is not very big, and belongs to the Sultan, is situated on this side of the river, on an ascent, and is pretty well built with houses, (whereon stood great numbers of people when we into it, to see us) but as for the walls and ditches, they are but very slight. At our first arrival, we thought we should soon get clear for the custom with the *Armin*, and ship off again, but he was not in town, so that we were forced to stay three days for his coming. In the mean time we got acquaintance with the inhabitants, which were handsome, lusty and well set, and white, and more mannerly than the rest; they visited us frequently, and spoke kindly to us, so that we found a vast difference between those and the former. The *Armin* also, who was no less civil, we presented at his return, with a great dish fill'd up with *Cibeks*, and several sorts of conjectures, and laid round about with soap-balls, as is the fashion in these countries; but to them that were with him and of his family, we gave some sheets of white paper, which they willingly received, and were so well pleased with it, that some of them (as the

the children do in our country, when we give them something that is strange or pleasing to them) smiled at it as often as they look'd on it. The country thereabouts is pretty fertile and plentiful of corn, *Indian* millet, cotton, &c. and they have also between the rivers very good gardens for the kitchen, with all sorts of plants and fruits in them, *viz.* Colliflowers, Citruls, Pumpions, Cucumbers, Anguries or Water-melons, which they call *Bathieca*, whereof they have so many that you may buy forty great ones for one Asper, whereof three make a Medin, much about the value of our penny. There were also some Date-trees, Limon and Citron, and other trees, which I could not distinguish at a distance.

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## C H A P. V.

*Of our Voyage to the famous town Ana, in whicb we passed again through great sandy wildernesses ; for the performance wherof we must provide ourselves with victuals, and be very careful in our navigation : Some relation of the inhabitants, of their cloathes, and other things we did observe and see by the way, and what else did happen unto us.*

AF T E R we had paid the custom to the Armin, who was a great deal more civil than he at *Racka*, and provided ourselves with all necessaries, we did but half load our ships, to draw them out of the branch again into the river, and then we carry'd the rest to them by boats and small ships, for the water was very low and full of mud, so that we went from thence on the fourth day of *October* in the evening, and so staid all night, a little below *Deer*.

The next morning our navigation proceeded very well till noon, when we came to a very broad and shallow place of the river, that our master did not know which way

way to get through. When he was thus troubled and considering, there appeared on the hight on the shoar some *Arabians*, and shewed us the course we must take, but we durst not trust them, for we had heard before that they had sunk some great stones there, and that a month before they had persuaded a ship to go that way which did not discover their cheat, until their ship after several hard knocks did split in pieces and sink. The same they would have served others, which, although they did not follow their counsel yet they came into such danger, that they could not deliver themselves out of it in a whole days time. We (thanks be to God) got sooner through than in an hour, after we had drawn our ship a little back into the deep stream to the great admiration of the *Arabians*: But the other in our company did not stick much longer, yet we had more to do to get her off, because she was shorter with a hollow bottom, wherefore she was sooner turned, but could not be got out so well as ours which was flat bottom'd. In the evening very early we saw at a great distance on the other side in *Mesopotamia*, a castle in the plain called *Sere*, which the *Arabians*, as they say, have many years ago demolished, which the river *Chabu*, which is pretty large, runs by, which beginneth not much abovet he castle (which one may guess by it's fresh water like unto fountain-water) and runs a little way below into the river *Euprates*. From thence we thought to have reached *Errachaby*, a town belonging to the King of *Arabia*, but being hindred in our navigation, as is abovementioned, we landed a little above this before the night besel us, and went the next morning early to the before-mentioned town, which was pretty large, and lay about half a league from the river in a very fruitful country, where we staid until the next day to sell some goods there. Wherefore two of ours went into the town to call out some of their Merchants to trade with them.

After they had spent that whole day with them, we went off the next morning early toward *Schara*, a little village which lieth on the right hand half a league distant from the river belonging to the King of *Arabia*, where we landed to pay the usual custom. All about the sides

and

and the river, I saw a great many bushes and trees. I would fain have been at them to discern what they were, that I might have viewed them exactly, but I was forced to stay in the ship and so I misled them. From *Schara* our navigation went on for several days very well, but chiefly through sandy deserts which were as large as any we had before passed; for they extended sometimes so far, that we could not see the end of them; and they were so dry, that you could see neither plough, land nor meadow, tree, nor bush, leaf, nor grass, nor path to go in; wherefore these may very well be called deserts, which are also called the sandy seas. First you must expect there great storms, as well as in the seas, which cause waves in the sand as well as at sea; then those that go in great caravans through them, must have their leader or pilot, by them called *Caliphi*, as well as those at sea, who knows how to direct their way by the compass, as pilots do on ship-board. Then they provide themselves, because the way is very long through them, with victuals for a long time, as well as those that go by sea, wherefore they load generally the third part of their camels with provisions, chiefly with water to refresh themselves and their beasts in the great heat of the sun, for throughout all the deserts there is never a spring to be found, except one should light by chance on a cistern, which yet are also generally dry, for nothing but the rain filleth them. The *Turkisb* Emperors have ordered 30000 of these cisterns to be dug in the ground in these deserts (as I was informed when I was at *Aleppo*) and to be provided with water, that their armies when they marched from place to place in those times when they had war with the Kings of *Persia* or *Arabia*, &c. might not want for water, and if one should be empty they might perhaps find some in the others. In these wildernesses I saw nothing worth speaking of, but on the 9th of *October*, some ancient turrets that stood upon the high banks on a point called *Eufy*, where, as some say, hath been formerly a famous town. Thereabouts the river taketh so large a circumference, that we went longer than half a day, before we could pass it. By the same river below us, we saw on the other side

side of it several *Arabians* on horseback ; and nothing else remarkable, but as I have told you before, some small huts of the *Moors*, who came to see us often, but chiefly at night time to pilfer something, which they are used to from their infancy. Wherefore it behoved us to have great care, and to keap a good watch, as I did find it the same night : For when it was come to my turn to stand centinel again, which I commonly did in the hindermost part of the ship on high, that I might espy the thieves the sooner if any should come, I laid down by me a good cudgel, as we all used to do every time, so I lay down and wrap'd myself up in a frize coat with hanging sleeves to it, to keep myself from the frost and dew, which are very frequent and violent there. After long watching, I began to be drowsy and fell asleep, a thief came through the water to the ship, where I was laid down very silently, and took hold of one of my sleeves that hung down, in hopes to draw out the coat gently, not knowing that I was int it : So I was sensible that somebody was there that would steal the coat, and got up, and seeing the head of the rogue, I took hold of my long cudgel to have a blow at him ; but he was too nimble for me, swam back and ran away : The rest that lay by me were awakened at this, and did perceive that I had seen somebody, but did not know the particulars, so they were very glad that I had frightened away the thief, and gave me thanks for my great care and diligent watching. As the *Moors* by night follow their robbery, so they came by daylight often with their wives to trade with us. Wherefore our master sometimes to please some Merchants did sooner land, who took all sorts of goods out with him, as soap-balls, beads of chrystal, and yellow agates, glass rings of several colours, which they wear on their hands and feet ; and several other toys made of red, yellow, green and blue glass ; and set in tin, bras, or lead, high shoes, which are tied with leathern straps at the top, &c. for these goods they truck'd with the *Moors* for sheep's skins, buck's skins, cheese-curds, and several other things, and sometimes for money. These *Moors* do not differ much in their form from our gypsies, only that these are a good

good deal browner. They are very nimble in their actions, but they do not much care to work ; they rather spend their time in idle discourses, or begin to quarrel with one another with loud and big words, and a great clamour, but seldom are so much in earnest as to come blows. Their heads are shaved saving only the crown, where they let generally a long lock grow, like unto the *Turks*, that hangeth down behind. As to their cloathing, they wear coats made of course stuff, whole before, and without sleeves ; they are pretty long before, and reach to their knees, such an one I wore on my journey, striped with white and black ; underneath they have long shirts, which are cut out about the necks and reach down to their ankles ; they are commonly blue, and have wide sleeves which they let fly about chiefly in their walking, when they fling their arms about to shew their pride. These shirts they gird up with broad leathern girdles so high, that you cannot see the girdle but only their behnded dagger that sticks or hangs in them as we wear our swords. The archers put sometimes one of their arms out of their shirts, and so leave their breast bare at the same time, that they may shoot and fight the freer without being hindred ; those that are not able to buy shoes, take instead of them necks of undressed skins, and put them about their feet with the hair outwards, and so tie or lace them up. The men wear no breeches, but the women do, and they come down to their ankles. Their faces are not veiled as the *Turkis* womens, but else they cover themselves with broad scarfs, which more incline to blue than to white, and let them (chiefly those that wear narrow ones) hang behind in a great knot. When they have a mind to be fine, they put on their precious things, as are marbles, amber beeds, glasses of several colours, &c. fixed to laces and hang them down their temples, which come down about a span long, and fly about from face to neck, so that in bending or moving their head, they often hurt their face, and do not a little hinder them in their actions. Those that are of greater substance, and have a mind to be richer and finer in their dres, wear silver and gold rings in one of their nostrils (as some do in one of their ears in

in our country) wherein are set garnets, turquoise, rubies and pearls, &c. They also wear rings about their legs and hands, and sometimes a good many together, which in their stepping and working, slip up and down about their hands and feet, and so make a great noise. So much I thought convenient to relate of the inhabitants of these countries and desarts, as I have seen and found it.

After we had passed through the great desarts, and began to come pretty near unto *Ana*, our master landed early in the evening in a very pleasant place which was about a league and a half on this side of the town where we staid all night; for the river is very dangerous to navigate because of it's swift current and some rocks that lie between the mountains. This place was so pleasant by reason of it's fruitful trees, viz. olive trees, orange, citron, limon, pomegranate, and chiefly date trees, that the like I had not seen before in my travels, and hard by it was a very thick wood of date trees, whereinto I went with some of our company, and found so great a quantity of fruit that they did not esteem them at all, and among them we found two new sorts different from them that use to be brought to us in our countries, viz. quite red, and yellow ones, by *Serapio* called *Hayran*, in his 69th chapter; which although something less than ours, yet are very good, and of a delicate taste.

The next morning we recommended the ship to the master, and walked (the ship being pretty well laden) to the town. By the way we found concerning fruitfulness so great a difference; that we could really say, we were come from the barren and desolated *Arabia* (which hitherto had continued from *Dir*, nay very near from *Aleppo*) into the well cultivated and fruitful one. For just in the very entrance there appeared fields sown with cotton, which was as tender and woolly, as one could any where find: Then delicate fields of corn which grew very high, and was full ripe, and fit to be cut down: Then trees that stood round about full of fruit, so that we had a very pleasant walk to the town. In this way I saw no strange plants at all, only in the corn the *Moluchi* of the *Arabians*; whereof I have made

mention before, which is esteemed to be the *Caremon Phinii*; and also another, which because of its height is easily seen; this is very like unto the *Sesamum*, only that the stalk is longer and fatter, the leaves are rougher, and the uppermost ones are cut in three different ones, which is not to be seen in the uppermost leaves of the *Sesamum*, the leaves whereof are more like unto willow leaves both in length and colour: Between the leaves that stand singly about the stalk one above the other, sprout out stately flowers, which are yellow without, and intermix'd with red veins, and of a purple brown colour within, and have a long style or pointel in the middle thereof; when these are fallen off, there grow long pods out of them, about a finger long and thick, which are hairy without, pointed towards the top, and have five distinctions within, wherein the seeds are contained (which are very like unto the sort of malva that is called *Abutilon*) and are placed in good order one above the other. I did very much enquire after this plant, but they know no other name for it, but *Lathus Endigi*, that is, Indian kidney-beans: But according to my knowledge, I rather take it to be the *Triquetrum*, whereof *Theophrastus* maketh mention in several places.

The town *Ana* is by the *Euphrates* divided into two parts, or rather into two towns, whereof the one is not very big, and subject to the *Turk*, and is very well guarded with old walls, and so surrounded by the river, that you cannot go into it but by boats, but the other that lieth on this side belongeth to the King of *Arabia*, is very great, and very ill provided with walls and ditches, so that you may go in and out by night, as in all other towns belonging to him. This, and also the whole province, is called *Gimel*, and is fifteen days journey distant from *Aleppo*, and goeth down a great way the river, so that we had a good hout to go before we came to the house of our master; which was next the harbour, whete our ship did lie. The houses are built with brick and stone walls, and very well done; and we could hardly see one on either side but what had a garden to it, planted with dates, lemon, citron and pomegranate trees, with delicate fruit in it. At the other side

sde on the left in *Mesopotamia*, I saw nothing but some summer houses standing about the hills. By the way before we came to *Ana*, I observed very well that some of our company (to whom I was by an outlandish man recommended) left me, and began to contrive with the master, who was born in that town, to accuse me by a second hand, that they might not be seen in it, as a spy before the magistrates, pretending that I observed all towns and places accurately, and had a mind to betray them at my opportunity; which they chiefly did to frighten me, and so to get the sooner some good booty out of me. In order whereunto, some of them went to the Sub-Bashaw, and obtained presently of him to send one of his servants with them, which came to me in the long street, having some iron chains and fetters in his hands, which he let hang down upon the ground, and led me along; so that I presently understood that they had an ill intention against me, which they intended to execute. So I went along with him to see what they would do with me; when they came to the harbour, they gave me leave to go into the ship, and to stay there until I heard more of them. So they soon agreed together, and told me, chiefly one of them that was on horseback in a long furr'd coat, that if I would be at liberty, I must pay to the Sub-Bashaw 500 ducats. When I was considering these things, and saw myself also quite left alone, and their demands so extraordinary unreasonable, and found myself in this great necessity and danger, it came into my mind, that there was another magistrate in the other town *Ana*, at the other side of the river, which was a *Turkish* one, to whom I would make my complaint of their unjust and unreasonable imposition, to see whether I might not find help and assistance of them; wherefore I provided myself with my pass, and fitted myself so in cloaths that I might be able to swim, so that if they should assault me to take hold of me, I might soon make my escape over the river without any opposition or hindrance. At length, when they expected my answer, and the money, I told them my intention plainly and clearly, which put them into greater fright and fear than they had put me in before. Wherefore they gave over their

unjust demands, and desired of the 500 ducats, no more but a single one, which they were forced to give to the servant of the Sub-Bashaw for the pains he had taken.

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## C H A P. VI.

*Which way we travelled from Ana farther to old Babylon, by some ancient towns called Hadidt, Juppe, Idt, and saw more pleasant, fruitful and well cultivated fields on each side than before.*

AFTER the designed storm that should have befallen me was over, and I by the power of the almighty God delivered, as it hath pleased him to do with a great many more, which would be too long to relate all here, we immediately departed from thence on the 15th of October. A little below it we found a fruitful and well cultivated country, and some fine houses standing here and there so near together, that before we passed one we could see another, which had also their orchards and kitchen gardens, and round about them fine woods of date trees and many others, which I could not discern because it was too far off; so that we found a great alteration, and our wilderness, wherein chiefly at a distance from the river, we hardly saw a tree in a whole day, changed at the lower end of the town into a fertile soil: Wherefore our voyage was very pleasant to us, for we had also less danger to fear from the Arabians. But our master was very much troubled, because the river was often stopp'd up at the sides with great stones that made the river swell, for there was a great number of large and high water engines or wheels, therefore these stones were laid to lead the stream to them to make them work, for it often happened that two of them stood close together, which took up so much of the river, that we had hardly room to pass by them in the middle of the stream, wherefore he was forced

forced to have great care, to find the right way where he might pass without danger. The reason why these water-wheels are so much in use is, because this river doth not overflow(as the river *Nilus*) to water the grounds, neither doth it rain enough here sufficiently to moisten the seeds and garden-plants, that they be not burnt by the great heat of the sun, wherefore they must look out for such means, as will supply this want. To do this they erect water-wheels (whereof three or four stand behind one another) in the river, which go night and day, and dip up water out of the river, which is emptied into peculiar canals, that are prepared on purpose, to water all the ground. But if the places lie not conveniently, or the shore be too high to erect such wheels, they make instead of them bridges and peculiar engines, that are turned by a couple of bullocks, to bring the water up, with great leatherne buckets, which are wide at top and narrow at bottom. This land being so fruitful, we soon found, to our great pleasure, great quantities of delicate fruit, sold for a small matter of money, and among the rest chiefly *Indian* musk-melons, that were very well tasted.

When we came farther we had generally even ground at both sides, and not a few fields, the most part whereof were sown with *Indian* Millet, for they sow more of this than of wheat or barley, for the sand is pretty deep, wherein the corn would not grow so well. This Millet was just fit to be cut down, and in some places they had it in already. It shoots up into a high stalk about six, seven, or eight cubits high, the leaves thereof are like unto the *Indian* corn, or sugar-reeds, which I took it for at first, and that because the inhabitants did chaw it as well as the sugar-canæs, because of the sweet and pleasant juice (which is more in the upper part of the cane, whereas that of the sugar-canæs, is more in the lower) which they draw out of it, untill I saw at length their white hairy tops sprout out, which are large and not unlike to the *Italian* Millet. These are full of whitish grains each of which sticks between two broad flying leaves, of the bigness of those of the *Orabus*, yet somewhat more compressed at the sides. Herof they bake very well-tasted bread and cakes, and some of them are

rowled very thin, and laid together like unto a letter, so that they are about four inches broad, six long, and two thick; they are of an ashen colour. The inhabitants call it still at this day by it's ancient Arabian name *Dora*, whereof *Rhasis* maketh mention. He that will may read more of it in authors.

Our voyage went on very well; wherefore the Merchants began several pastimes, some did play at a play called the Eighteenth, and others played at Chess, in which two games they were very well versed; others spent their time in reading and singing. Among the rest there was a Merchant from *Balsara*, that sung out of his *Koran* (which was put into rhymes in the common Arabick) several times with a loud and delicate voice; so that I took great delight in hearing him. Yet they were not so hot in their gaming or jesting, that they shou'd therefore forget the hour of their prayers, chiefly their divines that were in orders, which used to call them out with a loud voice, at the usual hour, either in the ship, or without in the desarts, if they could have convenient time and opportunity. But among the *Perſians* I found a greater zeal and earnestness, than among the *Turks* or *Moors*, all which nations have notwithstanding the same ceremonies in their prayers. For as they have chiefly five hours of praying, whereof three are in the day-time; viz. the first about noon, the second about three, and the third when the sun begins to set; the two others in the night, one in the morning an hour and half before the sun riseth, and the second after sun set when the firmament begins to look white and the stars to appear: So the *Perſians* would not be hindered, by the darkness of the night, danger of the place, inconveniency of the time, to go out, when the others were asleep, on the ground in the island where we were landed, and say their prayers with such an earnestness and devotion, as I have often seen it, that the tears run out of their eyes: I must also needs say that they keep closer and stricter to their laws than almost any other nation, which forbid them to drink wine, and command them to live in poverty, and to watch and pray continually.

The eighteenth day of *October* we came early to *Hadidt*, a pretty large, yet anciently built, town, belonging to the

the King of Arabia, which is also divided into two towns by the river *Euphrates*, like unto *Ana*, whereof the greater part lieth on this side of the river. Here the master payed for his ship two *Sayet* (one whereof is about three pence in our country) to the customers, and so set sail again, to try whether he could reach that night to *Juppe*. And he did oftner than ever before, speak to his men to pull on (chiefly where the river in it's breadth and depth was almost like unto the sea) so that at night pretty late we arrived at *Juppe*, a pleasant and well built town belonging to the *Turks*, and it is also divided into two parts, whereof one lieth in the middle of the river on a high ground, at the top whereof is a fortres, so that the town is pretty well defended : The other (which is rather bigger) lieth on the left in *Mesopotamia*, wherein are many fine orchards belonging to the houses, full of high date-trees, &c. wherefore the Merchants spent half a day there to buy dates, almonds, and figs to carry with them into the inns ; the same they did at *Idt* another great town of the *Turks*, on the right-hand of the *Euphrates* situate on a high ground, where we arrived on the 20th of *October* at night in very good time, and gave them instead thereof soap-balls, knives, and paper, &c. After which goods they have often enquired of us ; and we have given them sometimes some sheets of white paper, which they received with great joy, and returned us many thanks for them.

After our Merchants had sufficiently stored themselves with these goods, and our master had pay'd the duty for his two ships, he put off about noon on the 21st of *October* and went away. About the evening we saw at this side of the river a mill, and also the next day another, whereby were several old walls doors and arches, &c. whereby I conjecture that formerly there stood a town. These two mills, as I was informed, were two powder-mills that make gun-powder for the *Turkish* Emperor, and send it to him in caravans, together with other merchandizes through the dominions of the King of *Arabia*, wherefore he must as well as other Merchants, pay duty (for that liberty) and toll or custom. The gun-powder is not made from salt-peter, as our is, but out of another juice, which they take from a tree that is reckon'd

to be a kind of willow ; known to the *Perfians* by the name of *Fer*, and to the *Arabians* by *Garb*, as I have mentioned above. Besides this they take the small twigs of these trees together with the leaves, and burn them to powder, which they put into water to separate the salt from it, and so make gun-powder thereof, yet this is nothing near so strong as ours. *Pliny* chiefly testifieth this in his 31st book and 10th chapter, where he saith that in former days they have made Niter of oak-trees, (which certainly he hath taken these to be, for they are pretty like oaks) but that it hath been given over long before now. Which is very probable, chiefly because the consumption thereof was not so great, before they found out guns, as it is now since they have been found out.

Further on the water-side, on the high banks, I saw an innumerable many coloquints grow and hang down, which at a distance I could not well know, until they called them by their ancient *Arabick* name *Handbel*, whereby they still to this day are known to the inhabitants. After we had navigated a great way several days one after another, through even grounds, and in a good road, we arrived at length on the 24th day of *October*, at night, near to *Felugo* or *Elugo*, a little village called so, and with it the whole province.



## C H A P VII.

Of old Babylon *the metropolis of Chaldee, and it's situation, and how it is still to this day, after it's terrible desolation to be seen, with the tower or turret, and the old ruined walls, lying in the dust.*

THE village *Elugo* lyeth on the place where formerly old *Babylon*, the metropolis of *Chaldee*, did stand ; the harbour lyeth a quarter of a league off, whereinto those use to go, that intend to travel by land, to the famous trading city of *Bagdet*, (which is situated farther to the east on the river *Tygris*, at a day and a half's distance). At this harbour is the place where the old town of *Babylon* did stand, but at this time there is not a house to be seen, whereinto we could go with our goods and stay till our departure. We were also forced to unload our merchandises into an open place, as if we had been in the midst of the desarts, and to pay toll under the open sky, which belongeth to the *Turks*. This country is so dry and barren, that it cannot be tilled, and so bare, that I should have doubted very much, whether this potent and powerful city (which once was the most stately and famous one of the world, situated in the pleasant and fruitful country of *Sinar*) did stand there if I should not have known it by it's situation, and several ancient and delicate antiquities that still are standing hereabouts in great desolation. First by the old bridge, which was laid over the *Eupbrates* (which also is called *Sud* by the prophet *Baruch* in his first chapter) whereof there are some pieces and arches still remaining, and to be seen at this very day a little above where we landed. These arches are built of burnt brick, and so strong, that it is admirable ; and that so much the more, because all along the river as we came from *Bir*, where the river

is a great deal smaller, we saw never a bridge, wherefore I say it is admirable which way they could build a bridge here, where the river is at least half a league broad, and very deep besides. Near the bridge are several heaps of *Babylonian* pitch, to pitch ships withal, which is in some places grown so hard, that you may walk over it, but in others that which hath been lately brought thither is so soft, that you may see every step you make in it. Something farther; just before the village *Elugz*, is the hill whereon the castle did stand in a plain, whereon you may still see some ruins of the fortification, which is quite demolished and uninhabited: Behind it pretty near to it, did stand the tower of *Babylon*, which the children of *Noab* (who first inhabited these countries after the deluge) began to build up unto heaven; this we see still, and it is half a league in diameter, but it is so mightily ruined, and low, and so full of vermin that hath bored holes throught it, that one may not come near it within half a mile, but only in two months in the winter, when they come not out of their holes. Among these Insects, there are chiefly some, in the *Persian* language called *Eglu* by the inhabitants, that are very poisonous; they are (as others told me) bigger than our lizards, and have \* three heads, and on their back several spots of several colours, which have not only taken possession of the tower, but also of the castle (which is not very high) and the spring-well, that is just underneath it, so that they cannot live upon the hill, nor dare not drink of the water (which is whole, some for the lambs.) *This is Romance.*

From this tower, at two leagues distance eastward, lieth the strong town *Traxt*, which was formerly call'd *Apania*, mention'd by *Pliny* in book VI. chap. 27, between the *Tygris* and *Euphrates*, those two great rivers of Paradise, whereof is made mention in the second chapter of *Genesis*; which two rivers not far below it meet together, and are there united. The town *Traxt* is surrounded

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\* *Rauwolff* was here too credulous and facil to suffer himself to be abused and imposed upon by these relationers; for that shere neither are nor ever were any animals with more heads than one naturally, I do confidently affirm.

rounded with ditches, and very well defended by two strong citadels, that lie on each side thereof, so that it is as it were, a key and doorway into the kingdom of *Persia*, to which it doth also belong, as others not far from thence, *viz. Orthodox, Laigen*, which lie on the road towards *Media*; and also *Goa*, which lieth a league and an a half at the other side of the *Tygris*, and *Axt*, two leagues farther still, in the way to *Persia*.

The next day, being the 25th of *Ottober*, we spent in bespeaking of camels and asses to load our goods upon, and after we were quite ready, we broke up the day following early in the morning with the whole caravan, to travel to *Bagdat*. In the beginning the ways were very rough, by the stones and ruins that lie still from thence dispersed. But after we were passed the castle and also the town of *Daniel*, the dry desarts began again, where nothing was to be seen but thorns, neither men nor beasts, neither caves nor tents, so that a man that knoweth the ways never so well, hath enough to do to find them through it, which I did often observe in our guide or *Caliphi*, who did several times, because there was neither way nor mark neither of men nor beasts to be found, very much doubt which way to turn himself, and so he did more than once turn sometimes toward one, than towards the other side the whole caravan. By the way we saw in the plain many large, ancient, high, and stately buildings, arches, and turrets standing in the sand, which is very fine, and lieth close together, as you find it in the valleys, here and there, whereof many were decay'd and lay in ruins; some to look upon were pretty entire, very strong, adorn'd with artificial works, so that they were very well worth being. more narrowly look'd into. Thus they stand solitary and desolated, save only the steeple of *Daniel*, which is intire, built of black stones, and is inhabited still unto this day; this is in height and building something like unto our steeple of the Holy Cross church, or of St *Maurice* in *Augsburg*; on which as it stands by itself, you may see all the ruins of the old *Babylonian* tower, the castle-hill, together with the stately buildings, and the whole situation of the old town very exactly.

After we had travell'd for twelve hours through desolate places, very hard, so that our camels and asses began to be tired under their heavy burdens, we rested and lodged ourselves near to an ascent, we and our beasts, to refresh ourselves, and so to stay there till night, and to break up again in the middle thereof, that we might come to *Bagdat* before sun-rising. The mean while, when we were lodged there, I consider'd and view'd this ascent, and found that there was two behind one another, distinguish'd by a ditch, and extending themselves like unto two parallel walls a great way about, and that they were open in some places, where one might go through like gates; wherefore I believe that they were the walls of the old town, whereof *Pliny* says that they were two hundred foot high, and fifty broad, that went about there, and that the places where they were open, have been anciently the gates of that town, whereof there were a hundred iron ones; and this the rather, because I saw in some places under the sand, wherewith the two ascents were almost cover'd, the old wall plainly appear. So we found ourselves to be just lodged without the walls of that formerly so famous kingly city, which now with it's magnificent and glorious buildings, is quite defoliated and lieth in the dust, so that every one that passeth through it, in regard of them, hath great reason to admire with astonishment, when he considers, that this city, which hath been so glorious an one, and in which the greatest monarchs and kings that ever were (*Nimrod*, *Belus*, and after him King *Merodach* and his posterity to *Balthesar* the last) have had their seats and habitations, is now reduced to such a desolation and wilderness, that the very shepherds cannot abide to fix their tents there to inhabit it. So that here is a most terrible example to all impious and haughty tyrants, shewn in *Babylon*, which may be sure, that if they do not give over in time, and leave their tyranny, ceasing to persecute the innocent with war, sword, prison, and all other cruel and inhuman plagues, as these did the people of God the *Israelites*, that God the Almighty will also come upon them, and for their transgressions punish them in his anger, for God is a jealous God, that at long run, will not endure the pride of tyrants,

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nor leave unpunish'd the potentates that afflict his people ; wherefore be sure, he will also in them verify the prophecies which he had utter'd by the Prophet *Isaiah*, in his thirteenth chapter, and *Jeremiah* in the fifty first, against those insolent and haughty *Babylonians*.

As I passed by, I found some thorns growing in the sand, *viz.* the Acacia, call'd *Agul*, whereon, chiefly in *Perfia*, the Manna falls, whereof I have made mention before : Above all I found in great plenty some strange kinds of Cali of *Serapio*, of Coloquints. When evening fell in, and the night did approach, our mockeries that drove the asses, made themselves ready again for our journey ; who kept every thing together, in good order, and were so quick in loading and unloading, that they were ready in less than a quarter of an hour. By the way I saw again several antiquities, but the night falling in I lost them ; so we went on a-pace in darkness, so that we did arrive at *Bagdat*, by some call'd *Baldac*, two hours before day. In the morning, which was the twenty seventh of *October*, I and one of my comrades took our lodging at an eminent Merchant's house, that belonged to *Aleppo*, and was lately come from the *Indies* ; he received us kindly, and very readily, and kept us for four days, when we took a shop in the great camp of the *Turkish* *Bashaw*, in the other town, on the other side of the *Tygris*, which we went into.



## C H A P. VIII.

*Of the famous city of Bagdat, called Baldac ; of its situation, strange plants, great traffic, and Merchants of several nations that live there, together with several other things I saw and did learn at my departing.*

THE town *Bagdat*, belonging to the *Turkisb* Emperor, is situated on the most easterly part of his dominions, on the rapid river *Tygris*, and the confines of *Perfia*, in a large plain, almost like unto *Basel* on the *Rhine*, it is divided into two parts, which are rather bigger than *Basel*, but nothing near so pleasant, nor so well built, for the streets thereof are pretty narrow, and many houses so miserably built that some of them are down to the first story, and others lie quite in ruins. The case is the same with the churches, which for age look black, and are so much decay'd, that you shall hardly find a whole one; whereon are still several old *Arabian*, or rather *Cbaldean* inscriptions to be seen, cut out in stone, by the means whereof many antiquities of the town might have been truly explain'd, but I could not only not read them, but could get no body that could interpret them to me. There are some buildings that are worth seeing, as the emp of the *Turkish* *Bashaw*, and the great *Batzar* or *Exchange* beyond the river in the other town, and the Baths which are not to be compared with those of *Aleppo* and *Tripoli*, for they are at the bottom and on the walls done over with pitch, which maketh them so black and dark, that even in the day time, you have but little light. There being two towns, one of them which lieth on this side is quite open, so that you may go in and out by night without any molestation; wherefore it should rather be call'd a village great than a town;

town ; but the other that lieth towards *Perſia* on the confines of *Aſſyria*, is very well fortifieth with walls and ditches, chiefly towards the *Tygris*, where there are alio ſome towers, two whereof are within by the gates that lead towards the water ſide, to guard them, and between them are the old high walls of the town, whereon on the top are ſtately writings, with golden letters, each whereof is about a foot long, to be ſeen ; the true meaning thereof I would fain have learned, but for want of understanding and interpreters, I could not obtain it, but was forced to go without it. Near unto it there is a bridge made of boats, that reacheth over the *Tygris* into the other town, which in that place is about as broad as the *Rbine* is at *Strasburg*, and because of it's rapid stream ſo dark and dull, that it is a diſmal ſight to look upon it, and may eaſily turn a man's head and make him giddy. This river runneth not much below the town into the *Euphrates*, and ſo they run mixt together into the *Perſian* gulf, by the town *Balſara*, which is ſix days journey diſtance from thence eaſtwards. These two towns as is ſaid, at the river *Tygris*, were many years agone built out of the ruined city of *Babylon*, whereof the one on the other ſide of the river is accounted to be the town of *Seleucia* of *Babylon*, and that on this ſide, which is more like unto an open village, is believed to be the town *Cteiphonta*. *Strabo*, in book XV, doth teſtify this, when he writes thus of them : That *Babylon* hath formerly been the metropolis of *Aſſyria*, and that after it's deuaſtation, the town of *Seleucia*, ſituated upon the *Tygris*, near which was a great village, wherein the king of the *Parthians* did keep his reſidence for the winter. *Pliny* maketh alſo mention thereof in his ſixth book, and in the twenty ſixth and twenty ſeventh chapter, viz. That the two towns of *Seleucia* of *Babylon*, and *Cteiphonta*, were built out of the ruins of the old city, and that the river *Tygris* runs between them. In the town *Seleucia*, stands in a large place, the castle, which is without guarded neither with walls nor ditches, nor is quite finiſh'd within. Before it lie ſome pieces of ordnance in the road, which are ſo daubed with dirt, that they are almoſt quite covered. In it dwel-

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leth the *Turkish* Bashaw, who, when he understood that two strangers were come into his camp, sent for us, and had us before him by his men; along with us went freely an *Armenian*, whom we had known formerly at *Aleppo*, to assist us, and to be our interpreter, to give the Bashaw a good and sufficient account of us.

When we came into the room of the Bashaw, which was but very ordinary, yet spread which delicate tapestry and well adorned, and appeared with accustom'd reverences, he ask'd us, sitting in his costly yellow colour'd long gown, by one of his servants, in *French*, which he did not understand very well, from what places we came, what merchandizes we had brought with us, and whither we intended to go. After we had punctually answered him to each question, yet he was not satisfy'd, but bid us to withdraw, and stay until we heard his answer. We understood his meaning very well, that it was only to scru a present out of us, yet we would not understand it, but shew'd him our pafs, subscrib'd both by the Bashaw and the Cadi of *Aleppo*, to try whether that would give him content. So he took it and read it over, and look'd very diligently upon their seals, as they use to seal, after they had dipp'd it first into ink, so that all but the letter is black. When he found them right, and did not know any more to say to us, he let us go, then we made him his reverence again, and so we went backwards out of his lodgings, for if you turn your back to any one, altho' it be a far meaner person, they take it as a great uncivility, rudeness, and disparagement. This Bashaw keeps a great garrison in the town of *Bagdat*, because it lieth on the confines of *Susiana*, *Media*, &c. which are provinces belonging to the King of *Persia*, and the Grand Signior hath nothing more towards the east of it to command. His greatest dominions are the wilderneses of the desert of *Arabia*, whereof the *Turk* hath one part, but the other, and the biggest, belongs to the King of *Arabia*. After the Bashaw had given us leave to go, we went to our lodgings again, and bought by the way in the Batzar some provision to eat, and to boil for supper, for in these countries are no inns to be found, whereinto one may

may go, and find a dinner ready prepared for chance-customers, as in our country is done, except one would go into a cook's shop, whereof there are a great many in the Batzars; but every one boileth for himself what he hath a mind to, without doors, before his lodgings, where there is a chimney for that purpose; so that in the morning, and at night when it is time to eat, you see every where in the allies of the camp several fires. When we went to eat we were forced, because in these chambers is neither table, nor stools, nor bench, to sit down on the ground, and also lie upon it all night, so that our cloaks were very useful to us, to serve us instead of a bed, chiefly in the winter, to keep us warm; yet the winter is not very severe in those countries, which you may conclude, for that our March-flowers, Narcissus's, Hyacinths, Violets, &c. were here full in flowers in the month of *December*; and that the farmers went to plough at that time; wherefore I judge that their winter is like unto our spring. When we lived at *Bagdat*, I found by our catering, that the scarcity was still very considerable, and it would have been more, and have increased, if the towns that lie above it on the *Euphrates* and *Tygris*, and chiefly *Moffel*, which formerly went by the name of *Nineveh*, had not sent them great supplies, as did also those of *Carahemit*, &c. which supply they have also almost always at any other time occasion for, for their cultivated grounds are chiefly in *Mesopotamia*, where they have almost none at all, so that there groweth not enough to maintain themselves; wherefore the two rivers are very necessary to them, not only to provide them with viuctuals, as corn, wine, fruit, &c. but also to bring to them all sorts of merchandizes, whereof many ship-loads are brought in daily. So that in this town there is a great deposition of merchandizes, by reason of it's commodious situation, which are brought thither by sea as well as by land from several parts, chiefly from *Natolia*, *Syria*, *Armenia*, *Constantinople*, *Aleppo*, *Damascus*, &c. to carry them farther into the *Indies*, *Persia*, &c. So it happened that during the time I was there, on the second day of *December*, in 1574 there arrived twenty five ships with spice and other precious drugs here, which came over sea from

the Indies, by the way of *Ormuz* to *Balsara*, a town belonging to the Grand *Turk*, situated on the frontiers, the farthest that he hath south-eastwards; within six days journey from hence, where they load their goods into small vessels, and so bring them to *Bagdat*, which journey, as some say, taketh them up forty days. Seeing that the passage both by water and land, belongeth both to the King of *Arabia* and *Sophi of Persia*, which also have their towns and forts on their confines, which might easily be stopt up by them, yet that notwithstanding all this they may keep good correspondence with one another, they keep pigeons, chiefly at *Balsara*, which in case of necessity might soon be sent back again with letters to *Bagdat*. When loaden ships arrive at *Bagdat*, the Merchant, chiefly those that bring spice, to carry through the desarts into *Turky*, have their peculiar places in the open fields without the town *Ctesiphon*, where each of them fixeth his tents, to put his spices underneath in sacks, to keep them there safe, until they have a mind to break up in whole caravans; so that at a distance one would rather believe that Soldiers were lodged in them, than Merchants; and rather look for arms than marchandizes: And so I thought myself before I came so near that I could smell them.

Some of these Merchants that came with the same ships, came directly to our camp, and among the rest a Jeweller, who brought with him several precious stones, viz. Diamonds, Chalcedonies, which make incomparable hafts to daggers, Rubies, Topazes, Saphires, &c. the two first whereof he had procured in *Cambaya*, and most of the rest in the island of *Zeylan*, whereof he shew'd us several very fine ones. The Merchants bring these along with them in great caravans, and keep them very close and private, that they may not be found out, at the custom-houses and be taken away from them which the Bashaws do constantly endeavour with all their might and power. For the *Turks* do not love that precious stones should cost them money, for they are extraordinarily covetous, wherefore you find but a few among them, but if they can have them without cost, after the aforesaid manner they love them dearly, and keep them in great esteem. In the room of them other stones are sent

sent into the Indies again, Corals, Emeralds (which are bought best in Egypt) Saffron, Chermes-berries, and several sorts of fruit, as Cibebs, Dates, (which are so pliable and soft that you may pack them together in great lumps as they do Tamarinds) Figs, Almonds, and many others which I cannot now remember, and also several sorts of silks and Turkish handkerchiefs: But above all, fine horses, whereof they send abundance into the Indies by the way of Persia, but more by the way of Ormutz, wherefore the King of Portugal received yearly a good sum of money for custom, viz. forty ducats for each, which the Merchants pay very freely, because that those that import horses (as I am informed) pay but half duty for their other goods at the custom-houses, and sell them besides with good profit. Some of these horses are also sent (because of their beauty and goodness) into Syria, Natolia, and to us into Europe, where they are sold or presented to Princes, and other great persons of quality. They feed their horses in these countries chiefly with barley and straw, so as it is broke by their threshing-waggons, which they hang about their heads in sacks; as they do also about asses, rather than give it them in mangers as we do. For want of straw they sometimes litter them with a fine loose earth, which they afterwards throw by in heaps to make it clean again to serve another time. When, among other Merchants, Christians arrive from our countries at Ormutz, which happen'd very seldom, all those of them that have been any ways afflicted by the Turks, Arabians, or Jews, must appear before some certain officers of the King of Portugal, appointed for that purpose, and make their complaints to them, of what hath happen'd to them, or what damage they have received; and in case they should omit any thing, they are themselves severely punish'd. If then it appeareth, that one of them hath been cheated of his money, immediately some Merchants of the same nation although innocent, and knowing nothing of it, are flung into prison, where they must remain until they have made satisfaction to the utmost farthing, and are besides severely punish'd, for an example to others that they may take warning. But if a Christian should be murdered, and they come to know of it, then three or four of them, more or less, according to the man-

ner of fact, must suffer and lose their lives for every Christians. From thence it cometh, when Merchants of many nations are going into a ship, in order to go to the *Indies*, by the way of *Ormutz*, where they must land upon penalty of confiscation of all their goods, that when first they put off, they look strangely upon one another, and take great notice of, or mind one another much, and say very little or nothing, not making themselves known, fearing that something may be had against them ; and this endureth so long, until they are gone half the way, then they begin to be acquainted. Farther I understood, that the King of *Portugal*'s governor in the *Indies* hath already, (to make himself strong and the more able for a war) made several of the chiefeſt and powerulleſt *Indians* knights or noblemen, to the number of 5000 ; and hath ſent many Jesuits to reform these countries, to propagate their religion and to inſtitute there the *Spaniſh* inquisition. The *Indians* are lank in body, brown in their colour, well shaped, and of a very good understanding ; wherefore perſons of quality, and Merchants love to buy them, and chufe them for their ſervants, being in their buſineſs very faithful, diligent and careful, as I have known many of them. These and many more nations, as *Turks*, *Moors*, *Armenians*, *Curters*, *Medians*, &c. which every one of them have their peculiar language, are at *Bagdat* in great numbers, but chiefly the *Perſians* ; ſo when I was there, there arrived a caravan of three hundred, with camels and horses, &c. with an intention to go to *Mecca*, to give *Mahomet* a viſit, which they think, after *Hali* and *Omar*, who were his companions and did live in that city, to be a very great man. These *Perſians* have a peculiar language, ſo much differing, that neither *Turks* nor *Arabians*, nor other *Oriental* nations can understand them, and ſo they are forced to make them understand their meaning by ſigns or an interpreter, as well as I and other ſtrangers. They also have their peculiar characters. They ſit well on horse-back, and have on long and white drawers, which ſerve them alſo for boots, and are very well furniſh'd with ſcymeters, bows and darts : Instead of ſpurs, they have, as it is the fashion in thoſe parts, pointed ironis, which are about an inch

inch and a half long, and are sowed to the hind part of their shoes. They are also call'd *Red Turks*, which I believe is, because they have behind on their turbants, red marks, as cotton ribbands, &c. with red brims, whereby they are sooner discerned from other nations. They may also be distinguish'd by their grey woollen coats, which have commonly three pleats behind, and come hardly down to their knees. They are a strong and valiant people, of a noble countenance and mind, very civil, and in their dealings upright. They are very wary in their undertakings, which you may see by this, that before they conclude a bargain, they take up more time to consider than others do two or three, which I have several times observed. Among other merchandizes they have delicate tapestry of several colours of cotton-work, in which they are great artists, and well skill'd, but as for others, as gold and silver working, &c. they understand little, and a great deal less of gilding, wherefore they take any thing that is glossy for gold. They love the Christians that are artists and ingenious in these sorts of works, and shew them all civilities. But as for the *Turks*, because great and bloody wars arise often between them, they hate them very much, and call them Heretics; 1. Because they will not esteem nor receive *Hali* and *Omar*, which they denominate *Caliphi*, as the greatest and highest Prophets or Legates of God, that have, after *Mahomet*, given more certain and better laws. Wherefore they esteem them a great deal higher; nay, worship them like Gods. 2. Because that they as circumcised men, esteem their women to be unclean, and reckon them to be members that are not to be saved, and therefore exclude them out of their churches, so that they may not appear there publickly, which by the *Persians*, according to their laws and ordinances, after they have spoke some words after them, are received as bles'd ones, and admitted to come to their churches. From whence arise between these two nations great quarrels and differences sometimes, but yet they do not fall upon one another, nor make incursions in time of peace, so violently on the frontiers, as they do in *Hungary*; probably that one may (because negotiation goeth farther into *Perſia*, and bringeth in great custom to the Grand Signior) trade the safer into these parts. It is cheap

and very good travelling through these countries into the Indies, and the customs and duties are very easy.

Farther I understood from others, that here and there in Persia live several Christians, and that most of them are of the persuasion of Prester-John, whom they call *Amma*; and which way they are brought to it, I am thus informed, that formerly about twelve years ago, it did happen that the King of Persia made a league with Prester-John against the Turks, which came then very hard upon him, and gave him his hands so full, that he was forced to seek for help by strangers. Now when Prester-John thought it very inconvenient for him to make a league with a King that was not of his religion, he sent him a message again, that he could make no league with him, except the chiefest of the articles were, that he and his subjects would receive his religion, then he would not only do him all friendship that in him lay, but also assist him with all his might and power, which at length was agreed upon. Whereupon he did send one of his patriarchs and some of his priests, which in process of time had this effect, that now even at this day, there are above twenty towns in Persia where the most of the inhabitants are addicted to the religion of Prester-John. They have also as I was told, several books of the holy scripture, and chiefly among the rest, some of the epistles of St Thomas, which they call *Aertisch*. And besides that, their patriarch hath brought it to that pass, that they are no more so zealous in their superstitions; and are of opinion that circumcision is not necessary, and that so much the rather, because their enemies the Turks and Jews have it. And for the same reason they do not abhor the forbidden beasts, but eat pork, &c. nor refuse to drink wine, and that as before said, because their adversaries are forbid it by their law. So that the Christian faith doth in Persia encræse daily more and more, and they begin to be christened with fire, according to their fashion, and in the name of God the Father, Son, and Holy Ghost, whom they notwithstanding, according to their opinion, rather believe to be a creature, than the Third Person of the Trinity, and that he doth only proceed from

from the Father and not from the Son. But that those that are Christians may be discerned, they wear a blue cross on the inside of their left leg a little above the knee. They also administer the sacrament of the holy supper or communion, and give it as well to the young as to the old ones in both kinds; but before they go to it, they must have their feet washed, wherefore there are little rivulets led through the churches, where they sit down, and some of the chiefest of the town come to them and wash their feet, and when that is done, they give unto one another a kiss of love; then they read the words of Christ's institution, and so go to receive it; they do not come to confession before: And they endure no images in their churches, but instead of them, they make use of harps, pipes and other instruments, wherewith they make music, but chiefly at the King's court, at *Smarcand* (where his best Musicians are) which town, as they say, was built by *Sem* the son of *Noah*, and called after his name. What else is to be said concerning the points of their religion, shall be hereafter mentioned in the chapter of the *Abissines*.

Farther I was informed at my return, that after the decease of *Gamach* the King of *Persia*; that had three sons and one daughter (who was soon married to one of the chiefest of the council at court) whereof the eldest called *Alschi* was beheaded, because he did endeavour to take away his father's crown, the other two are still in being; the youngest of them *Balthasar* liveth in *Parsid* a peculiar province and town in *Persia*, which lieth on the borders of the *Indies*; and the middlemost, called *Ismael*, was lately, after his father's decease, elected King, almost at the same time when the now reigning *Turkisb* Emperor *Anurathes* came to the crown. This is still young, and of a tall and slim body, but very manly, and full of courage, and well skill'd in all warlike exercises, so that he dare before any of his courtiers ride wild and unbroken horse, by them called *Aecaik*, which are not easily mastered. They are brought to him a great way off out of the eastern parts; they are as I am informed, of an ashen colour, only some have white legs; in these and other exercises he hath shown his manliness from his infancy. But when he did en-

increase in age and in strength, the anger and displeasure he bore against the *Turks* did increase also, and to that degree, that he resolved, during his father's life, to be revenged of them for the wrong they had done to his ancestors. Wherefore a little while agone, he brought together a great many men in the frontier places to surprize the town of *Bagdet* unawares, being one of the chiefest that formerly had belonged to his ancestors, together with the whole country, wherein the new Kings of *Perſia* when they first come to the government are used to be crowned. When he was thus prepared for the onſent, and nothing was wanting, ſome traitors ran away from his troops and acquainted the *Bashaw* of *Bagdet* with his design, ſo the *Bashaw* was forced to arm himſelf with all speed as well as he could, that he might be able to oppose him in his designs. But when the King's ſon would have put his intention into execution, the *Bashaw* fell upon him unawares with ſuch a number and strength, that he could not only attempt nothing, but was beaten, and he himſelf taken prisoner. Besides this, the Grand *Turk* would have had him to be beheaded, if his father had not with great earnestneſs taken his part, and given him for his ransom the town *Orbs* in *Mesopotamia*. After this, the old King had enough to do to keep his ſon in ſafe custody, that he might not begin new alarms and wars againſt the *Turks*.

Before I began my voyage in *March*, in the year 74; certain news came to *Aleppo* that 25000 *Turks* were killed on the confines of *Perſia* and *Arabia*; but in what place this battle was fought, and which way it was done I could not learn (for if they ſuffer any damage, they always keep it very close and ſecret) nor any ways here: Wherefore the *Turks* at that time were a great deal harder towards the Christians, ſo that many ſuffered for their misfortunes ſake: But if they had obtained the victory, as well as not, they would not have been ſo ſilent, but would have ſpread it abroad, and have related it to others that did not ask them, with high and big words. So great an opinion have the *Turks* of themſelves, that they really believe there is no other nation that can conquer the world ſo as they, although they

they are not be compared with the *Perians*, neither for strength, manliness, nor shape; so therefore they could effect but very little against others, if it were not for their great number, wherewith they over power them. And to speak only of the inhabitants of this town, there are so many sick and lame people in it, that you would admire to see so many lame and limping ones in the streets; yet the King of *Peria* cannot hold out the war at length, nor keep a war at a great distance, for his revenue is not so great as to make sufficient provision for his officers and soldiers, &c. to pay them as well in time of peace as of war: For his subjects are freed from all taxes and impositions, according to their ancient privileges and customs. They never arm themselves for a defence, but when they are called together by their King, to defend and protect their country, house or land, wife and children, against the assault of an enemy.

When I was thus enquiring from one or other, and endeavouring to inform myself and learn whether it were more commodious for us two to go by water to *Ormutz*, or by land through *Peria* into the *Indies*, and we thought of nothing else but to begin our voyage daily to go farther; I was call'd on a sudden by a letter to come away for *Aleppo* immediately, which troubled me very much, and that the more when I considered, that I was past the wilderness and come into the fruitful eastern countries, which would have been very well worth seeing. So after I had considered a while, I agreed with my comrade that he should go on with the voyage in hand, and that I, because besides the letter, I had others no smaller hindrances, would go back again. So I fitted him out for his voyage with all necessaries, so that two days after, he went with other merchants into the ship for *Balsara*. Not long after, I had a very mournful message, or account, that the ship, wherein he went from *Balsara* to *Ormutz*, was perished in a great storm near the Island *Baccharis* in the *Perian* sea, where they find good store of oriental pearls, and that he and several other merchants, and rich merchants sons from *Aleppo* were drowned. At the same time I might have returned back again with a great

great caravan to *Aleppo*, but because they took the straightest way through great and sandy deserts, which lasted for fifty days journey or thereabouts, where we had but two places to pay custom in, where we could buy provision, as water and other necessaries, I resolved within myself to go by more fruitful places, and famous towns (although I went about) where I might see and learn something more; so I did stay in the great *Camp* longer until I met with some companions. In the mean time, while I stayed there, I made myself acquainted with an eminent Merchant, that lived in *Aleppo*, and had been several times in the *Indies*; who told me, that the Jesuits had begun to set up a very severe inquisition in the *Indies*; chiefly in *Goa*, where they observed diligently those that did not take off their hats to the images (which were set up in several streets of the town) that they might put them into prison, which he did very much dislike, believing it to be very great idolatry.

After he had said this, he began to talk farther to me concerning religion, and chiefly of the articles of our Christian faith; and made me immediately (when he began to be sensible that I was of the same) so fine a confession of his Christian faith, so plainly and with such grounds of scripture, that I was astonished, for I could never have believed I could have met with the fellow of him in these countries. So he began to have a great love for me, and desired me to go along with him, and to stay with him in his house, until I had an opportunity to go farther, or that I might make him a companion in his voyage into the *Indies*, that during those travels he would shew me all kindnesses he could; nay, be as careful of me, as if I were his own son. And after he understood that I was a Physician, he proffered of his own accord to recommend me to the *Bashaw*, who was then sick, and his very good friend, to be his Physician. But I having understood before, that others that had done the same, had been but very ill rewarded for the pains and care they had taken, and chiefly by those they did cure; I would not undertake it, fearing I should have the same measure, and instead of a reward have my liberty taken away from me, wherefore I thanked him for his kindness,

ness. Had it not been for this, I should have accepted of it, notwithstanding that they have no Apothecaries shops that are any thing provided, but I must have bought the ingredients from one shop-keeper or other and so collected them from several places, for I could hardly find any thing by them, saving some strange sort of turpentine nuts, whereof they have abundance, and they are as good, as *Pistachios*; wherefore the inhabitants keep them by them, and eat them as we eat small nuts in our country. I have eaten several of them, and found them of a saltish taste and of a drying quality. These are called by the *Arabians*, *Botn*, and by the *Perians*, *Terbaick*. I have chiefly seen two kinds of them, the greater and the less, and so the *Arabians* distinguish them into *Botnquibir* and *Sougier*. The bigger is in shape pretty like unto the pistach nut, only it is a little rounder and shorter; the lesser is with its hard shell of the bigness of a pea, and are shaped like unto a *Hatt*, or the *Dora*, that is, the *Indian-Hart*. A great many of them grow in *Agemia*, *Persia*, *Mesopotamia* and *Armenia*, &c. and grow together in clusters like Grapes as the *Pistachios* do, or rather the Berries of our Turpentine-Trees, for which they ought to be taken; chiefly, because the trees whereon they grow, are in their long leaves pretty like unto the Turpentine-Tree whereby they are easily distinguished from the *Pistachio*-Tree which hath roundish ones. This being so, I take the little one for the *Bell*, and the great one for the *Fael* of *Serapio*, *Avicenna* and *Rhasis*, which (as authors say) grow chiefly in the *Indies*: And this the rather, because authors attribute the same virtue and operation to them. So may according to this, chiefly the great nuts *Fael* be taken for the fruit of the *Indian Turpentine-Tree*, whereof *Theophrastus* in his fourth book and chapter five, maketh mention; all which would be too tedious to be related here at large. Besides these nuts, the before-mentioned authors (chiefly *Serapio* in his 251st chapter) makes still mention of another sort of fruit, called by him *Sel*, and by *Avicenna*, *Scal*, which are not in hard shells, but as I saw them, quite bare, of the bigness of a *Pistachio*-nut, and of the colour of the kernel of our *Wall-nut*; they have a pretty betterish taste, and sensibly

sensibly sharp. I did fine none of them in these parts by the shop-keepers, but had it only after that in the monastery of the *Minorites* in *Jerusalem*, of one of their order, who told me also that they did grow in these countries. Of coloquints, of white gourd apples, still known to the people by the old name *Handhal*, there grow so many hereabout, that they send them to *Aleppo*, and from thence into our countries; and also the delicate round *Cyperus* root, by the inhabitants called *Soëdt*, whereof one may find great quantities growing in mossy and wet grounds. I did also find by the shop-keepers, the white seed of *Macbaleb*, which are in hard shells, which are long and pointed, and covered without with a tender skin, like unto the *Pistachio*-nut. A great quantity of them are carried from thence into *Syria*, and used to perfume soap-balls. The trees whereon they grow I did not see, yet, as I am informed, they grow hereabouts, but chiefly on the mountains that are by the way to *Persia*. They are still to this day by the inhabitants, as by *Serapio*, call'd *Nabandi*. But although there are several sorts of them, yet they all boil them (after they have been steep'd for some hours in water, to get off the thin shells, as we do with *Almonds*) in milk or wine into a pap, and put sugar or honey to it, chiefly to the white ones to take away their bitterness. I found farther a strange gum in great pieces, somewhat like unto *Frankincense*, or *Ammoniacum*, which the inhabitants chew all day long instead of *Mastic*, and they attribute the same virtues to it. Wherefore great quantities thereof are brought thither (chiefly from *Persia*) which they call *Taxa*, as I am informed from the Tree *Tax*, which are very like unto *Cypresses* in shew and bigness, only their roots are not so long, wherefore they are the easier over-turned by the wind. According to this, I remember of the Trees *Thuja*, whereof *Theophrastus* maketh mention in book v. chap. 5. and of *Thya* of *Pliny*. I also saw without the *Batzars* or Exchanges, very high and big *Caper-trees*; and here and there in the fields a peculiar sort of red-gras, like unto that of *Babylon*, according to the description of *Dioscorides*, and hath still retained it's ancient *Arabian* name *Negil* among the inhabitants. This hath long fibrous and yellowish

yellowish roots, with many joyns, and puts out by them yearly several buds, which grow into hard leaves, which are long and pointed, and at each side very sharp and cutting, like unto them of the red-grafs; between them come out small stalks or holms, each whereof hath a peculiar ear at the top coming out of it's graft-sheath, which is long, thin, and it's feeds grow in two rows, between small leaves, like unto the wild *Galengal*. This doth not only grow hereabouts, but also in several other places and provinces, where the ground is sandy, as *Sufiana*, *Perfia*, &c. in great quantity, and because it is by reason of it's sharpnes and cutting, very pernicious to beasts, as to bullocks, horses, &c. so that they die of it, therefore they have or keep the fewer of them, but instead thereof they keep buffles (which can feed upon it easier than other beasts) to eat this grafts, which maketh the baffle very cheap in these countries, for I have seen one buy three of them for eight ducats (*which is in our money about 48 Shillings*) that was bigger than an *Hungarian* bullock. Thus much I had to relate of *Bagdat*, it's situation, trade, and strange plants, so much as I could find and see at that improper time.

Being that I expected daily company to go with me to *Aleppo* again, by the way of several towns, and not straight through the sandy wildernesses, a *Perfian* that I got acquainted withal in the mean while did inform me, that the Sophi, King of *Perfia*, had several unicorns at *Samarcand*, which he kept there; and also in two islands *Alc* and *Tylos*, which lay from *Samarcand* nine days journey farther towards the east, near *Spaam*, some *Griffins* (by them called *Alera*) which were sent him out of *Africa* from *Prestre-John*. They are a great deal bigger and higher, have a red coloured head, a bearded bill, and a neck over-grown with feathers, a thick body, black wings like unto an eagle, and a long tail like a lion, and feet like a dragon, they are very eager for flesh; while they are yet young, the King taketh them along with him, and goeth often thither for sport and pleasures sake; but as they grow up and strong, he hath them chained about their necks very strongly,

strongly. I did believe this the sooner \*, because he could also tell me what trees and fruit grow there, and chiefly those whereof *Theophrastus* maketh mention, and out of him *Pliny*. He also gave me an account besides these of others that grow out of *Persia* in several places, as of the tree *Palla*, which *Theophrastus* and *Pliny* mention, which the wise men did eat in the eastern countries, and of the *Musa* of the *Arabians*, whereof the former bear delicate sweet-tasted, and very wholesome fruit, by them called *Wac*, which are round, reddish, and as big as the *Indian Melons*. But whether this be the noble fruit *Mangas*, (whereof *Clusius* maketh mention in his *History of Indian Plants*, which for goodness sake is carried over sea into *Persia*) I leave to the learned to decide. But the *Musa* (which is as aforesaid, also common in *Syria*) beareth a great deal smaller fruit, which is smooth, yellowish, and bended almost like unto citruls in shape. These are also of a sweetish taste, and therefore the pleasanter to eat ; but are very unwholesome, so that *Alexander the Great* was forced to forbid his soldiers to eat of them. The same *Persian*, did also inform me of the poisonous fruit *Persea*, which is still known to them by the name of *Sepha* ; which they esteem very little ; and also the *Peaches* (called *Het*) which are not so poisonous (as some say) as the above-mentioned ; for they esteem the kernels thereof to be good, wholesome physic. But yet that they are not esteemed by them, the chief reason is, that they persuadeth themselves, that *Nimrod* (who was a great Magician or Necromancer) poisoned them by his black-art, and that since that time, they could not be eaten ; wherefore they have not been esteemed ever since : This I thought convenient to mention, rather for

\* Too soon, for that there are no such creatures in the world as either *Unicorn* or *Griffin*, I am as sure as I can be of a Negative. Nay, Dr. *Brown* hath well demonstrated, that there cannot be such a creature as the common pictures of him represent the *Unicorn*. I cannot again but wonder at the credulity of so curious and inquisitive a man as *Rauwolff*, in believing the idle stories of such a vain and lying fellow.

for the sake of those, that have a mind to travel, that if one or more of them should go into these countries, they might have occasion to make a more accurate enquiry after these things.

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## C H A P. IX.

*Whicb way I came in my return from Bagdat through Affyria, the confines of Persia, and the province of the Cutters, to the town Carcuch, Capril, &c. and at length to the river Tygris, to Mossel, that famous town, whicb was formerly call'd Nineveh.*

WHEN hinder'd in my travels, for several weighty reasons, I was forced to go back again; I look'd up my goods, as I was advised by my good friend the Christian, whereof I made mention here before, and fitted myself for my journey. I got for my companions three Jews, one whereof came down the *Euphrates* with me, the others came from *Ormutz*, for I could get no others, to travel with me to *Aleppo*. We set out on the sixteenth of *December* in the year 1574, for *Carcuch* distant six days journey, in the confines of *Media*, on the other side of the river *Tygris*, which is still call'd by them in their language *Hidekel*. By the way we first saw some well-till'd fields, and above us on the river *Tygris* some villages, so that I could not but think I should meet with a country that had plenty of corn, must and honey, &c. as it was commended by the Arch-koob-bearer of the King of *Affyria*, and compared even with the Land of Promise, but the farther we went, the greater grew the wilderness, so that we were forced to lodge all night in the fields.

The

The next morning there appeared a great way off more little villages belonging to the King of *Perſia*: But we went on through the desarts, and my fellow-travellers told me that they extend themselves to *Perſia* and *Media*, where we loft our way, and came in the evening into a bog which hindered us so much, that I, because their Sabbath began, whereon according to their laws they must not travel, was forced to stay there with them all night long in it, and also the next day, in great showers of rain, not without great inconveniency and trouble. During our staying there I look'd about me for some plants; but found none, because they did but first begin to sprout; but in the moist places some wild *Galengal* with great round roots, by the inhabitants call'd *Soëdt*, and by both *Latins* and *Grecians*, *Cyperus*.

The nineteenth day, after we were not without trouble, got out of the mire, our way extended itself still farther thro' desolate places and desarts. I thought of *Julian* that impious *Roman* Emperor, and of his army, which when it went against the *Perſians*, and was very numerous, over the river *Tygris* near to *Ctesiphon*, he was by an ancient *Perſian* that was a prisoner, decoy'd into these desarts, where he was beaten and routed by the *Perſians*. In this great fight when the Emperor himself was mortally wounded, he took up, as *Nicephorus* and *Eusebius* fay, a handful of blood and flung into the air, yielded the victory and said, Then *Galilean* (so he call'd Christ, in whom he at first believed, and afterwards deny'd and persecuted) thou hast beaten and conquer'd me. After we had lived for several days very hardly in the desarts, and spent our time in misery, we came on the twentieth by *Scherb*, a village over an ascent, into another more fruitful and well till'd country, situated on the confines of *Perſia*, and for the most part inhabited by them, which we could conjecture by the common language. Now though travelling through the confines uses commonly to be very dangerous, yet, I thank God, we met with none, so that we without any stop or hindrance reach'd that night, the twenty first of *December*, to *Schilb*, a curious village

village, where we rested all night and refresh'd ourselves.

From thence we went on through large and fruitful vallies, but I found nothing (for it was but just at the beginning of ploughing time) that was worthy to be mention'd, for the plants did but just begin to sprout; we had by the way several villages, and so we had better opportunity to buy provision. The twenty third at night we came to one where we could buy near one hundred eggs for two pence.

The next day we got up early again, and saw before us the high mountain *Tauri*, all covered with snow (which extended itself a great way from north and west to the eastward) at a great distance. We went on a-pace, and advanced to *Tauk* early in good time, and before their Sabbath began again. This town is not very strong and lieth on a plain. We went into a camp without it, and rested there all the Sabbath. After Sun-set, when it began to grow dark, they desired of me to light a candle. I remembred then immediately, that they could not do it themselves, being forbid by law, as you may find in the thirty fifth chapter of *Exodus*, where you may see that they must kindle no fire in any of their habitations, wherefore they furnish themselves the day before with all sorts of provisions and necessaries, that they may not need to do any labour on the Sabbath, and yet may not want. When these Jews say their prayers, they use the same ceremonies as the Christians and Heathens in the eastern parts do: For first they lift up their hands, then they bow down forwards with their whole body, and at laist they kneel down and kiss the ground. These Jews bragged continually of their Patriarchs, and made mention of the laws; but of the ten commandments they knew nothing, wherefore I took an occasion to repeat them before them in the *Portugal* language, which is very much spoke in the *Indies*, as well as I could, and they did admire when they heard them, how I came to know them. But when I began to speak of Christ and his offices, they burst out into such blasphemies, that I was glad to say no more, but hold my tongue.

Not far off from *Tauk*, we saw a very strong castle,  
M near

near unto a wood, that is guarded by a *Turkish* garrison: This is situated in the province of the *Curters*, which beginneth there, and lieth between *Media* and *Mesopotamia*, all along the river *Tybris* and reacheth to *Armenia*. These *Curters*, which are almost all *Nestorians*, speak a peculiar language, which was unknown to my fellow-travellers, wherefore they could not speak to them in the *Persian* nor *Turkish* language, which is speake all along from *Bagdat* through *Affrygia*, in the confines of two potent monarchs, to that place. We were therefore forced to desire others that understood both languages, to be our interpreters through the country of the *Curters*. But whether this language did run upon that of their neighbours the *Medians* or no, I could not certainly learn; but yet I was inform'd that the *Parthians*, *Medes*, and *Persians*, as peculiar nations, had their peculiar languages, as histories tell us, and we may also perfectly see in the *Acts of the Apostles* the second chapter and the eight verse, where it is thus written: *And how hear we every man in our own tongue, wherein we were born? Parthians and Medes, and Elamites, and the dwellers in Mesopotamia, &c.* All which people almost are subject unto the Sophi, the mighty King of *Perſia*. The before-mention'd *Curters* were formerly call'd *Carduchi*, and afterwards also *Cardueni* (as chiefly *Xenophon* testifieth) have had their peculiar policy and government. But after many changes and wars, they are at length subdued and brought under the dominion of the *Turkish* Emperor, to whom they are still subject to this day, and he hath every where his garrisons in opposition to the Sophi. But what is farther to be said of them, chiefly concerning their religion, shall be hereafter mention'd, when I shall give you an account among other Christians, of those that live in the temple of mount *Calvaria* in *Jerusalem*.

After the Sabbath of the Jews, my companions, was over, we went on again, and came the twenty sixth of *December* to *Carcuck*, a glorious fine city lying in a plain, in a very fertile country; at four miles distance is another that lieth on an ascent, whither we also travell'd, my companions having busines in both of them, and so we spent two days in them before we were ready to go on again.

The

The twenty ninth we travell'd through large and dry heaths, and came at night to some tents, which were made of hair or hair-cloath, wrought out of goats and asses hair, and fix'd in such an order, that they made streets and allies like unto a market-town. In one of these we went to lodge with these poor people, (that were white Moors, and like unto the Gypsuns in their shape and figure) and to stay there all night long. But whether these people are subject to the Turkisb Emperor, or to the King of Persia, or to any other, I could not find out by their cloaths, because they all wear the same hereabouts, nor could I discern any thing by their language. To us came a little after some more travellers, so that we had hardly room to lie down in. These people were very diligent and busy to get us some meat and drink, for the husband went soon out of doors to gather dry boughs and stalks of herbs, which I could not at that time discern what they were, and brought them to us to boil or dres some meat with them. The woman was not idle neither, but brought us milk and eggs to eat, so that we wanted for nothing ; she made also some dough for cakes, which were about a finger thick, and about the bigness of a trencher (as is usual to do in the wildernesses, and sometimes in towns also) she laid them on hot stones and kept them a turning, and at length she flung the ashes and embers over them, and so bak'd them thoroughly. They were very good to eat, and very savory. This way of baking cakes is not new, but hath been very usual among the ancients, so we find in Scripture mention made of bread bak'd among the ashes ; the Romans call'd it, *Panes Subcineritos* ; and so we read in *Genesis* the eighteenth chapter, of cakes made upon the hearth, which *Sarah* made in haste when the three men came to see *Abraham*.

The thirtieth we went from thence, and about noon we came to a town call'd *Presta*, which is chiefly towards the river whereon it lieth, very well fortify'd, but what the inhabitants call that river, I do not remember, but according to it's situation it must be that which *Ptolomy* call'd *Gorgus*, which runs below into the *Tyger*. In this place they make floats, which although they are not very big, nor have much wood in

them, yet they have abundance of bucks and goats skins blown up, hung or fixed underneath the bottom, without doubt, by reason that they may load the more upon them, and also because the river is rapid, that they may have the less fear or danger. On these floats they carry several sorts of merchandizes, bat chiefly fruit, viz. Figs, Almonds, Cibebs, Nuts, Corn, Wine, Soap, &c. a great part whereof goeth farther into the Indies.

The last day of December we travell'd on, and came through well till'd fields about night into the town *Harpel*, which is pretty large, but very pitifully built, and miserably surrounded with walls, so that it might easily be taken without any great strength or loss; there we rested again the next day being the Sabbath, and on the same day fell New-Years-Day. In the meantime I understood that the *Turkish* Sangiack did a few days ago condemn and put to execution eight great malefactors, which made it their busines to rob and to commit murder up and down on the high-way, for there are a great many of these rogues in this province, chiefly on the borders of *Armenia*, which are very mountainous, and maketh travelling very dangerous. The relations and friends of these murderers and robbers did take this very ill, that the Sangiack should execute them, and were resolved to be revenged of him one way or other. In order thereunto they combined and agreed all together, and had every thing ready, and only staid for the word to fall upon him, which would have been done accordingly, if he had not had good intelligence of this their intention, wherefore he went away *incognito* for *Constantinople*, to complain to the *Turkish* Emperor of this their unjust proceedings, and what they must expect for this, they will know in a short time. This Sangiack, when he found necessity of making his escape, and found that he wanted money, which is very seldom, he took up from an *Armenian* Merchant, that was very rich, and was arrived there to buy several merchandizes, chiefly Gauls, whereof grow many in these parts, 300 ducats, which put the Merchant into great danger; for when these rebellious people came to understand it, they took it very ill of him, and threaten'd him very much, so that he was forced

forced to stay some days longer for more company, that so he might go the safer.

After we had joined him, we went from thence on the fifth of January in a very handsome number, for the Merchant alone had about fifty camels and asses, which were only loaden with Gauls, with him, to carry to *Carahemit*, where he lived, and to send from thence to *Aleppo*, where they are bought by our Merchants, to be sent into our country. So we travell'd all day long and also half the night, without eating or drinking, very fast, and began to rest about midnight. After we had for the remaining part of the night hardly refresh'd our beasts and ourselves with eating and drinking a little, we broke up again before day-light, to go on in our way. When we were gone a good way through fruitful and pleasant vallies, we came betimes to another river by *Ptolomy* call'd *Caprus*, which although it is not very broad, yet it is very deep, so that we had much to do to get through, which I found not without a great detriment to my plants, which I carry'd on horse-back before me.

Soon after noon a great way off before us, appear'd a great market-town, *Carcushey*, where we arrived by night, and fix'd our camp without and pretty near to it. This is quite inhabited by *Armenians*, which we could presently find by the alteration of the language and their habit. They received us very willingly, and let us want for nothing. After we had staid with them till night, and refresh'd ourselves and our beasts, we broke up again immediately and travell'd all night, which was so dark, that we heard several caravans that met us, but could not see them, much less know how strong they were, or from whence they came. At break of day we came to another much larger river, by the inhabitants call'd *Kling*, if I do not mistake, and by *Ptolomy*, *Licus*, which hindred us very much in our day's journey; for the river being very broad, at least a long mile, it was very hard to hit exactly the right ford, and not without great danger, which the *Curters* knew very well, so that we were also in great fear of them. But after some were found in our company that had often forded that river formerly, we ventured it, went in, and got over, thanks

be to God, very safe, only one af which went over below us, where the stream went stronger, was drown'd, so that we arriv'd very early on the seventh of *January*, to the *Tygris* again, and went into the famous city *Moscel*, that lieth on this side of the river, over a bridge made of boats. This is situated in the country of the *Curters*, and so we were forced still to keep our interpreter. It belongeth to the *Turkish* Emperor, as do all the rest hereabouts. There are some very good buildings and streets in it, and it is pretty large; but very ill provided with walls and ditches, as I did observe from the top of our camp which extended to it. Besides this, I also saw just without the town a little hill, that was almost quite dug through, and inhabited by poor people, where I saw them several times creep in and out as pismires in ant-hills. In this place and thereabouts stood formerly the potent town of *Nineveh*, built by *Ashur*, which was the metropolis of *Affyria*, under the Monarch of the first monarchy, to the time of *Sennacherib* and his sons, and was about three day's journey in length. So we read that the Prophet *Jonas*, when at the command of God, he preach'd repentance to them, did go into it one day's journey, which the people did hearken willingly unto, and did amend their lives, but they did not long remain penitent, but turn'd to their former iniquity again, wherefore their destruction and ruin was prognosticated to them by the Prophets *Nahum* and *Zephania*, and also by the pious *Tobias*, that did live there again, which did also not long after follow. Yet was it re-built again afterwards, and did suffer very much upon changes of governments, until at length *Tamerlane* came and took it by storm, burnt it, and reduced it to that degree, that afterwards in the same place grew Beans and *Colocasia*, &c. So that at this time there is nothing of any antiquities to be seen as in old *Babylon*, save only the fort that lieth upon the hill, and some few villages, which as the inhabitants say, did also belong to it in former days. This town lieth on the confines of *Armenia*, in a large plain, where they sow the greatest part of their corn, on the other side of the river; for on this side in *Mesopotamia* it is so sandy and dry, that you would think you were in the middle of the desarts of *Arabia*. Yet there

is a very large deposition of merchandizes, because of the river ; wherefore several goods and fruits are brought thither from the adjacent countries, both by land and water, to ship them for *Bagdat*. Among the rest I saw abundance of small and great Turpentine-nuts, by the inhabitants call'd, as above-said, *Bont-quiber* and *Sougier* ; and also another sort of Manna as big as a double fist, which is very common here, and is brought from *Armenia*, as they told me. It is of a brown colour, a great deal bigger and firmer, and not so sweet as that of *Calabria*, yet very good and pleasant to eat. Within it are several red grains, so small that one taketh no notice of them when one eats it. It looseneth the body very well, but not so much as ours, wherefore the inhabitants eat great pieces thereof in the morning, as the country-men on the mountains of *Algaw* eat cheese. But whether the *Arabians* make mention thereof, if it be not the *Manna Albagiezi*, whereof *Avicenna* in his second book, the second treatise, and the 758th chapter maketh mention, I know not neither what it is to be reputed. The town *Moffel*, is as above-said, for the greatest part inhabited by *Nestorians*, which pretend to be Christians, but in reality they are worse than any other nations whatsoever, for they do almost nothing else, but rob on the high-ways, and fall upon travellers and kill them : therefore being that the roads chiefly to *Zibin* (to which we had five days journey, and for the most part through sandy wildernes- ses) are very dangerous, we staid some days longer, expecting more company that we might go the surer.



## C H A P. X.

*Which way we went through Mesopotamia by the way of Zibin and Orpha, to Bir, not without a great deal of danger; and afterwards how we passed the great river Euphrates, and came at last into Syria by Nisib, to the famous town of Aleppo.*

**A**FTE R our journey had been deferr'd for four days, we broke up on the eleventh of *January* several hundred strong, and went on for the whole day without eating, with all speed until the sun-set at night, when we encamp'd on an ascent near a small village, to keep our beasts and goods safe, and to refresh ourselves and them. We watch'd all night long, and went continually three and three together, round about our camp by turns.

The next day we proceeded on again in our journey with all speed, rather for a good fountain or spring's sake, as they do in these countries in the vast desarts, than to reach a good inn, where we arrived late at night, and encamp'd near it, to stay all night to rest. A little after when we were at supper, some of the *Curters* came to us into our camp, spoke to us kindly, and ask'd us whether we did want any thing that they could help us to, but we soon perceived them to be spies, that were sent by their companions, to see what strength we were of. But when they perceived that we were not pleased with them, they did not stay but went away, and we composed ourselves to rest, but kept a good guard as we had don'd the night before. About midnight when we were in our first sleep, our watch-men perceived a great number of the *Curters* to approach, wherefore they awak'd us with a great shouting to alarm us the sooner, and

and to bring us into good order, and to frighten our enemies, and to drive them away. But they did not only not mind us, but made all haste they could up to us, and that so near that we could see them, although it was dark, before our camp, by their heads. But when they found us in a good order and condition to oppose them, and did hear that our gunners and archers, which were ready to let fly at them, call'd with a loud voice to them, *tabal, tabal Harami*, that is, come hither, come hither you thieves, &c. they halted for a little while and were so afraid of us, that they turn'd their backs and run away. Afterwards when we fear'd nor expected their assault any more, they came quickly again a second time, in a far greater number than before. They led before them one camel and several horses, which in the dark we could only discern by their heads looking against the sky, in their hands, without doubt, that we might look upon them as travellers, or else that we might not be able to discern their number. But notwithstanding all this their first assault was still in fresh memory; wherefore we did not tarry, but drew soon up in our former order again, wherein I was the left hand man in the first rank again, with my scymeter drawn, and had before armed my breast with several sheets of paper, that I had brought with me to dry my plants in, expecting their assault every moment. But when they made a halt again, fearing their skin as much as we did ours, and did neither shout nor move up towards us, one of ours provok'd them, and did shoot at the camel, and did hit it so that it gave a sign thereof, but the rest forbore to fire. So they staid a little while, and then went off a second time.

So we kept awake all the rest of the night, and kept a good watch, and went on our journey again early the next morning about break of the day ; and came again to wide and dry heaths, where we saw neither men nor beasts, and so we went on till noon, where we encamp'd in a large place, which was surrounded with walls and ditches pretty well, just like unto a fortress, whereof there are several in these dangerous places to be seen. When we staid there, two *Curters* came again to us into our camp, and spoke to us, pretending that they came

to

to demand the toll that was due there, it being their place : But our Merchants soon perceived, that they were not in a right cause, wherefore they would allow them nothing, which put these two into such a passion, that they drew their swords, and would have at us ; but our friends did not stay idle neither, but took their swords away, and laid on with dry blows at them, and so flung them out of our camp. After this hubbub was over we dined, and that the rather that we might not be too much weaken'd by our hard travelling, and so be the less able to resist these robbers, for want of strength, if they should fall upon us, which we were not wont to do before night, chiefly in great desarts, for there we used to get up presently after midnight, and travel all day long with all speed without eating, which I had often experimented before ; wherefore I used to provide myself always with bread, and whea I had a mind to eat it, I did either stay behind or go before ; for no body eats openly by the way in the sight of others, except he has a mind to run a hazard, because that most of them are very hungry, and so eager at it, that they will assault one another for it, and take it away from their very mouths. After we had refresh'd ourselves and fed our beasts, which useth to be done also but once a day, we broke up with our caravan, and went on again. We quickly saw some mountains before us, where, when we approach'd them towards the evening, there appear'd sometimes, on a high one, that before the rest lieth nearer to the plain, some of them, so that we might very well presume, that there was more of them behind in *Ambuscado*, which also proved very true : For no sooner were we pass'd it, but before we went up the hill, they came out from behind the mountain, in great troops on horseback, which immediately drew up into order in the fields, in two squadrons, three and three in a rank, to the number of about three hundred, almost as many as we were. They exercised their horses, which were very lank, very swiftly, turn'd sometimes on one, and then on the other hand, and come at length to us within a bow's shot. They had most of them darts, which they play'd withal in their full speed, sometimes holding it downwards as if they would run through a deer, which was a pleasant but very

very dangerous sight to us. When they shew'd themselves so as if they would fall upon us instantly, we drew our caravan close together, in order to resist them. Wherefore we stood still, and tied our beasts together, and bound the fore-feet of each of them, that they could not stir ; behind them stood our mockery, with their bows, and all those that were not well provided with arms and horses, either to shoot at the enemy, or else in case of necessity, if they should come too near us, to sally out, and cut off their horses with our scymeters. Near unto us our horses were drawn up into a troop, ready for their assault, to venture their success. After a whole hours delay we sent at length two of our company to them, and they sent also two of theirs to meet them to parley together ; but which way they made up an agreement I know not, but they prevailed so much with them, that soon after they left us, and rode away, and we went on in our journey. After this we kept our caravan, (that is so much to say as a great many people, with loaden camels, asses, and horses) in far better order than we had done before, and came that same day a good way, to a small village, where we encamped and stay'd all night. We found no wood thereabouts, wherefore we made shift with bread instead of other victuals, and were very glad, we had it. In the mean time the inhabitants came to us, to gather the dung of our beasts as they do in several other places, chiefly in the deserts of Arabia, to burn it instead of wood, which they do after the following manner.

They make in their tents or houses a hole about a foot and half deep, wherein they put their earthen pipkins or pots, with the meat in them closed up, so that they are in the half above the middle, three fourth parts thereof they lay about with stones, and the fourth part is left open, through which they fling in their dry'd dung, and also sometimes small twigs and straws, when they can have them, which burn immediately and give so great a heat, that the pot groweth so hot as if it stood in the middle of a lighted coal-heap, so that they boil their meat with a little fire, quicker than we do ours with a great one on our hearths ; so that these poor people must make very hard shift, and do sometimes as the Israelites did

did in the siege of *Jerusalem*, where they also in their greatest necessity, did boil their meat with dung of men and beasts, as you may read in the 4th chapter of *Ezekiel*. This night, and several others before, we passed more with watching than with sleeping, so that sometimes we contemplated the constellations of the skies, which are very much observed by these nations, but chiefly by the *Arabians*, which lodge always in the open air, and have no shelter, so that by the stars they know the hour of the night, and when it is time for them to break up. They care not for beds, but rather have cloaks or tapestry wherein they wrap themselves, up and keep themselves warm, so that no frost nor rain, nor dew can hurt them.

The next morning we broke up (that we might not expose ourselves any farther) only after day-light, and travelled all day long without any molestation or hinderance a long way after several rough mountains: and also the next day through sandy desarts, which were deep and hindred our going on very much. When it began to be night, our beasts were almost ready to lie down under their burthens in the sand, which was very tiresome to us, and that the rather, because we saw the town *Zibin* far off before us, at four miles distance, but at length we got out of this bad road; into green meadows, to very clear springs, which run over in several places to water them: so that we began to make more speed, and came the same night yet very late into the town. It is a fine place subject unto the *Turkish* Emperor not very big, lying on ascent, very well surrounded and fortified with walls and ditches. It is full of conduits or springs, but chiefly in the great *Camp*, where we rested for five days to stay for more company. There live abundance of *Armenians* in it, for it lieth in the confines of the greater *Armenia*, and so we were no more in so great danger, as we were in the country of the *Curters*. During my staying there, the abovementioned rich *Armenian Merchant*, and also an eminent *Turkish* gentleman (which were very kind to me upon the road) desired me several times (having heard from the *Jews* that I was a Physician) that I would be pleased to go along with them to *Carahemit*, which town was four days distant at the other

other side of the *Tygris*, to cure some of their relations that were not well, they prouferred me good entertainment, and to recommend me to the young Bashaw son of *Mahomet* Bashaw, who was also sick at that time, and to bring me into good busines; which I would have done with all my heart, and nothing could have pleased me better, than to have served the *Armenian* for his kindness. Yet because I was sent for to come to *Aleppo*, and could not but be as good as my word, wherein I had also no small interest, I was obliged to leave that journey, and to strive with all speed and diligence to get thither. Now as this Bashaw is among the rest (except the *Visir-Bashaws*, whereof there are four or five, which are always at court about the *Turkish* Emperor, as being his Privy Council) the chiefest in *Turky*, so he hath larger and more fruitful territories than he of *Bagdet*, or any other, to govern, viz. *Affyria*, *Mesopotomia*, and a large part of the greater *Armenia*, and of the province of the *Curters*, &c. all which border upon the dominions of the Sophi King of *Perſia*.

After we had refreshed our selves during this time, very well, and other companies had joined us, we broke up on the 20th towards night, and went away. By the way we saw several plough'd fields and villages, and we could speak better with the people, for they understood the *Armenian*, *Turkish*, or *Arabian* languages, which are generally used in these countries. So our travels went on with great speed, so that we reached on the 21st late, the town of *Hochan*, where the Jews rested and kept their Sabbath. Here we received the news that *Solyman* the *Turkish* Emperor was deceased.

The 23d we got up early again, and went the next way to *Orpha*, another town, to which we had five days journey. From thence, the nearer we came to the mount *Tauri*, which separateth *Armenia* from *Mesopotamia*, towards the south, the worse grew the roads, which we found very sufficiently the next day, for when we came farther into the mountains, the ways were so full of stones that we were hindered very much. Going thus on, after it had snowed a little, which I have never seen but twice in these countries, it happened, that

that one of the Jew's horses which was empty, was frightened at something, and flung itself over and over. The Jew hearing this noise, looked back, and seeing me stand by it, he grew angry with me, as if I had done it, and began to handle his bow and arrows to shoot at me, when I found him in earnest, and remembered how I lost my wine in the ship, when we went down the river, I did not delay, but went to hinder him, took him by his leg, and flung him off his horse, before he could take his aim at me; so we fell a boxing one another so long, until at length I tripped up his heels. When the other two saw that we spoiled thus the figure of the snow, and that I was too hard for him, and had given him several hard blows, they came immediately to separate us, and to make peace again between us; I seeing that they did not come to wrong me, and also considering that we were to travel together still farther, took their council, and was friends with him again, and so we went on in our way. At night we came to another village again, in a narrow valley lying at the bottom of a great ascent, near which we found a great stable wherein we went; this was cut quite into the hill, and so was that wherein we loged the night before, so that you could see nothing of it, but only the entrance, for they are commonly so in these hilly countries under ground, that the caravans may safely rest there and defend themselves from cold in the winter. This stable (being 25 paces long and 20 broad, and all through equally high) was cut out of a rock. About midnight, when we were in our first sleep, one of the Grand Signior's Chiaus, or Chamber messengers, knocked at the door of the stable, who was come back from Bagdet in six days to this place, to look about for some fresh horses, because he had tired his own, and could not have others by the way, as in our country where posts are ordered. So he went in, took away from one Mockeri or Carrier, three pack horses, and two more from the Jew, that I had contention with before, for these messengers of the chamber have great privileges, and in case of necessity, where-ever they see horses in city or country, they may take them leaving theirs in the room thereof:

They

They value one no more than another, except Merchants and strangers, whom they excuse before others to encourage trade ; those that they come to, must deliver up their horses without any reluctance, except they have a mind to be soundly hang'd, as one of our friends was that did not open the gates immediately, or else to fare worse. When this Chiass believed he had got very good horses, he soon found his mistake, for the *Jew's* horses had galled backs, wherefore he let him have them again for a small recompence, which was a child's coat made of delicate *Indian* stuff. When our journey was thus stopp'd, chiefly because of the Mockeri, or Carrier, until he could procure himself other horses in the room thereof, at least for that day ; we rose the earlier the next day, and traversed several rough mountains, and went through narrow vallies that day, until at night we came to a village inhabited by *Armenians*. These are good hearted Christians, which have great compassion on their fellow Christians, and love to entertain and to be kind to strangers, which I have very often experienced, but chiefly in this village, where one of the *Armenians* took me and the *Jews* into his house, and would fain have kept us also the next day. Being at leisure, I would fain have conferred and discoursed with him concerning our Christian faith, and so was he willing ; but being that we could not understand one another, and the *Jews* were in this case by no means proper interpreters, we were forced to have patience by silence, and to look at one another. About that time they kept Lent, which I could perceive by their small sort of diet, for they did eat nothing but leguminous food and bread and water. After he had set before us some boiled eggs at night, and I being hungry, fell on them, not imagining that they kept such strictness and difference in their diet, he admired that I did not refuse to eat the eggs, and asked me by one of the *Jews*, whether I did not know that it was not allowed to Christians to eat eggs and the like viuctuals in Lent ; at this I would fain have answered him, that it became Christians to keep Lent rather with sobernes and abstineny, than with distinctions and differences of foods. But I not understanding the language, only

of

answered him briefly, that our Lent was not yet begun, nor would until three weeks hence begin, which did content him presently.

The 28th we went on our journey again, and came right among the high mountains, which were very rough, and full of bushes ; we got out of them before night, and lodged our selves in the next village, which lieth on an ascent in the plain, where we also staid the next day being the Sabbath. By the way, when the *Jews* were in fear of having their horses taken away, as was done some days before, they often gave them to me to lead them, as if they were mine, hoping to carry them off the easier, so that although they were my guides, yet I was their safe-guard.

After we had past the great and rough mountains, and were come into a very fruitful valley, which extendeth itself for a small days journey to *Orpha*, there appeared presently on each side several villages, and afterwards, the costly city against us with the castle situated on the hill, very pleasantly. Into this we got on the thirtieth at night very early, and went to lodge in the large and very well built camp, and staid there for 3 or 4 days. This town is very pleasant, pretty big with fortifications well provided. It was formerly, together with the whole country, belonging to the Kings of *Persia*, but now it is as well as the greatest part of the country, brought under the subjection of the *Turkish* Emperor. *Orpha* is a town of very good trade ; they deal in tapestry of several sorts, some whereof are made there, and sent out to us ; there is also a great deposition of merchandizes, which are brought thither from *Aleppo*, *Damascus*, *Constantinople*, and other places, to go to *Carahemit*, five days journey distant from hence, and so to be carried farther into *Media*, *Persia*, the *Indies*, &c. yet all these goods are brought thither in caravans by land, because there is no navigable river belonging to it. Some say that this town was anciently called *Haran* and *Charras*, from whence the Patriarch *Abraham* departed with his wife *Sarah*, and his brother's son *Lot*, according to the command of God, Gen. chap. xii. and went forth to go into the land of *Canaan* which the Lord had promised to give him, and there

there is a plentiful well still to this day called *Abraham's well*, where the servant of *Abraham*, whom he sent into *Mesopotamia* to the town of *Nabor*; to fetch a wife for his son *Isaac*, from his own kindred, did first see *Rebecca*, when she gave him and his camels some water to drink out of this well. And so did afterwards the Patriarch *Jacob* when he fled from his brother *Esau* at this same well, make himself known to *Rachel* the daughter of *Laban* his mother's brother, when he removed the stone from the head of the well, and so let her sheep drink. The water of this fountain hath a more whitish troubledness than others. I have drunk of it several times out of the conduit that runs from thence into the middle of the great camp, and it hath a peculiar pleasantnes, and a pleasant sweetnes in it's taste. To the same did also come the son of the pious *Tobias*, conducted by the angel *Raphael*, whom his father sent to *Rages*, now called *Edeffa*, as is above-mentioned, to call in a debt from *Gabel*, as you may read in the 11th chapter of his book, when they returned by the way of *Haran*, which is half way to *Ninevsh*.

After the *Jews* had done their busines there with good succes, we went on in our travels again, and came again into the high and rough mountains, where we spent also the next day with great trouble and hardship, until we came again to the great river *Euphrates* into the town *Bir*, whereof I have made mention before. And although we had no more but two half days journey to *Aleppo*, yet the *Jews*, my fellow travellers, had busines in the famous town *Nisib*, which is situated on this side the river on the borders of the lesser *Armenia*, so that we were bound to go thither; so we put out again on the 6th of *February* after their sabbath, and went through very fruitful and well cultivated corn fields to *Andeb*, towards evening. It is a pretty big town, but not very strong. It lieth on two small hills very pleasantly, so that you may see it plainly and distinctly, as soon as you come from out of the valley by the lake into the fields. Yet notwithstanding that it is so pleasantly situated, and looketh so stately at a distance, it is but pitifully built when you come within it. In

former ages this town hath been several times besieged by the Kings of *Perſia*, by whom it was taken at laſt, and kept ſo long, until the *Roman Emperor Galienus Odenatus Palmyrenus*, took it from King *Sapor*, together with the town *Orpha*, and laid it to the *Roman empire* again. But in these our times, to our grief, it is brought again, together with all the country, under the *Ottomam* ſlavery. The inhabitants have very little trade, they live for the moſt part upon their estates, by cultiuitating their grounds, and chiefly from the fruits of vineyards and orchards, which are planted with pomegranates and figs, &c. ſo thick (that from the great quantity of trées they may have the more fruit) that you would at a diſtance, rather take them to be woods of wild trees, than of fruitful ones. So they ſend yearly many ſorts of fruits, but chiefly *Cibeks*, into the eastern countries, by great caravans, whereof I have met many. After we had ſtaid here, and I had loſt a whole day, for their buſineſſ ſake, we broke up again directly for *Aleppo*, and having paſſed for ſeveral miles through rough, bad, hilly ways, we came at length into a plain, delicate and fruitful country, ſo fruitful of wine and corn, that on all my journey I have ſeen none like unto it. This did almoſt extend itſelf to *Aleppo*, where we arrived early, with the help of the Almighty God, in very good health, on the 10th day of *February*. At my arrival, because my comrade *Hans Ulrich Krafft*, with the reſt, were not there, then preſent, preſently ſome *French Merchants*, which I had cured of ſeveral diſtempers before my departure, came to me, and carried me home with him, deſiring me to live with them until my buſineſſ, which cauſed me to come back, were done, wherein really they did me a very great kindness. For I having very well torn my cloaſths, which never came from my back in half a year's time, I had there an opportunity to reſt myſelf and to procure myſelf ſome new ones. *I thank the Almighty God for his many mercies and favours beſtowed on me, and the affiſtance he graciously afforded me in this voyage, returning him praise, honour and glory, &c.*

## C H A P. XI.

*Of the Turkish Physicians and Apothecaries; of my comrade Hans Ulrich Krafft of Ulm's hard Imprisonment. Of the great danger that I was in, in the towns of Aleppo and Tripoli. Of the murdering of some Merchants, and what else did happen when I was there.*

**A**T my return to *Aleppo*, where my business obliged me to stay a while, I came to understand, that during my absence, several *Italians* and *French-men* were in their sickness but very slightly served by the *Jews* their Physicians; wherefore I did not only soon recover my former acquaintance and practice by them, but might have also stept into great busines with the *Turks*; for I was presently so well known, that I had much to do to excuse my self with discretion to get off of them, that I might escape their anger and displeasure, which I must have got, if I had served them never so faithfully, which I knew several had before me found by experience. Wherefore at the instance of several good friends, I only cured two great persons, whereof one was a *Georgian*, and at that time *Sangiack of Jerusalem*, which were very well pleased with me, and requited me accordingly. The Physicians generally in these parts, agree before hand for the cure with their patients for a certainty, according to the condition of the patient and his distemper, and have security for their money, but yet it is not paid to them before the patient is cured. They have a great many Physicians, but they are very unskillful, chiefly the *Turks*, which know none but their own language, and so cannot read the authors of Physick that have writ in another language as the *Jews* can. But seeing that the *Jews* are very much addicted to covetousness, they endeavour rather to promote their own interest than that of their

patients; so that the *Turks* are but slightly provided with Physicians, and therefore rather die like flies, than take advice of their Physicians, chiefly of the *Jews*, which are not contented with a small reward; to this add also that the *Turks* never put any confidence in the *Jews*, and esteem their counsel but little; and besides, they believe that God hath already pre-ordained every one his death, so that he that is born to be drown'd cannot be hang'd. And besides all this, the *Jews* do not stick close to them in time of necessity, but fly presently, and first of all in time of sickness (which certainly happens once in seven years, if not in five or sooner) just like hirelings, as they have sufficiently experienced in the last plague in the year 72, with the loss of several persons of worth and quality; chiefly among the rest a *Turkish* Pay-Master, by them called *Dafteddr*, and another eminent *Turk*, and their own sons, which both of them (although this proferr'd to lay 3000 duckets, and the other 10000 into the hands of a third person) yet were neglected and left by their Physicians and died. It is very much in use among them, that if any body doth find himself not well, another puts his arms cross before him, and so graspeth him about his back, and lifteth him up, and sets him down again, and shaketh him several times, just as they use to do facks with corn, to make them lie the closer, and to hold the more. As the Physicians are, so are also the Apothecaries, where you find nothing of any great compositions, nor purging electuaries, as *Elect. Diacatholicon*, *Diaphaenicon*, &c. although they have the best ingredients thereof, for we have them all sent from them, except they be sent to them from *Marseilles* or *Venice*, &c. If you have occasion for any herbs, roots, or seeds, &c. you must go yourself, not without great trouble and loss of time, and find them either in the fields, or else at the Grocers and other shop-keepers. Among the rest of the things they had, I soon knew the Rob Ribes by it's antient name and pleasant sourish taste, whereof they make a great quantity in this place, and send it farther into other countries, but chiefly to the *Turkish* Emperor; wherefore in the *Easter* week they had already gathered several sacks full of the stalks

stalks of the true Ribes of the *Arabians*; (which are hairy almost two foot long, and of the thicknes of an inch, of a greenish colour, and underneath, as also *Serapio* mentioneth, reddish) from the mount *Libanus*, and brought it to the *Cadi* to make *Rob* of it for him. I saw them lie in his court-yard, and several of them were given me to taste, and to take away with me. What herbs I found at my return else, because there are but a few of them, therefore I have put them among the rest here above in a peculiar chapter. I saw there several strange birds, and among others, some of a delicate green and blue colour, which were about the bigness of our nut-crackers, by them called *Sucuruck*, and by others *Alsecrach*. I also found their *Albabari*, which are not unlike our Peacocks, and almost as big, and could not fly much. Of four footed beasts, I saw several, and among them some civet cats, which were brought thither in caravans from remote parts, and the Indies. In the *Fundique* of the Consul of the *Venetians*, I saw a very sharp sighted one like unto a *Lynx*, exactly of the shape of a cat, so that it was not easily distinguished from it, save only in it's bigness, for it is much higher and slimmer. This is a very wild and fierce beast, so that his keeper himself was afraid of it. It once got loose, and got through the yard below into an Apothecaries shop, wherein he had just then put a great many glasses that were sent him from *Venice*, whereof it broke the greatest part before it could be taken again. When I was there, a young *Rhinoceros* was carried through the town to *Constantincple*. It came from the most eastern parts, and had killed above 20 men before they could take it. They also lead daily some Lions about the town in small chains, which have small bells before, that every body may take the sooner notice of them; they are so tame, that their keepers sometimes wrestle with them in open places, neither do they easily grow wild, except they should see sheep, then their keepers have enough to do to keep them off and to appease them. Without in the fields in high and bushy places, are sometimes found Camelions, which are somewhat bigger than our green Lizards, but a great deal leaner and higher upon their legs; they walk very

slowly and lazily, they live a great while without meat like the Serpents, and are a very ugly creature. If we put it upon a coloured, red, yellow, or black cloth, it hath by degrees changed it's natural green colour into the same that the cloth was of.

Having ended my busines I had, and in the mean time received a letter from my comrades that were at *Tripoli*, I parted from thence according to their desire, and came on the 5th of *May, Anno 75*, to them in *Tripoli*. After some days, arrived also with some goods, one of their chiefest Carriers, which they call *Mockeri*, which swore to me by his head, that is, he affirmed upon his faith and reputation, that the Sub-Bashaw of *Aleppo*, when he was departing from thence, had sent his Bailiffs to my lodging to apprehend me, and to fling me into the publick *Turkish* gaol, because they were very well assured that when I was on the hills (where they had seen me look for plants) I had obſerved the ſituation of the town, and all the country very diligently, that I might, when I ſhould have an opportunity, betray them to their enemies, and flew them the beſt way to take it. But all this was contrived that they might have an opportunity to take an *Avaria* on me, as the Merchants call it there in these countries, that is to ſay, they would accuse me faſly to make me puniſhable, that they might get a ſum of money out of me. And the Carrier alio really believed, for as much as he heard of them, that they would not have let me come off for leſs than 200 *Saraffi* or ducats, one whereof maketh two of their gilders. *Thanks be to our Lord God, who hath delivered me from their unjust accusations and contrivances, and brought me ſafe to this place.* At my arrival at *Tripoli*, when I expected to live ſecurely and quietly, and thought that I was paſſed all danger, I fell, notwithstanding all this into another; for when my comrades, and with them alio *Hans Ulrich Krafft* (yet without any transgression) were flung into the *Turkish* gaol, by the contrivances of ſome *Turks*, the fame rogues had alſo a mind to contrive ſomething againſt me, to bring me in alſo. But the French Vice-Confuſal, *Andrew Bianchi*, who was my very good patron, took my part, info-  
much

much that he did recover my liberty by the *Turks*, in spite of my accusers, and not only got me licence to walk freely without molestation in and about the city where-ever I pleased, but did also procure me a free and safe access to my comrades, to see them in prison as often as I pleased. Into the prifon wherein they were kept, I must always go through three small and low doors, which the keepers did always very freely and without any grumbling open unto me, to go in or out, and sometimes I have staid there all night with them. I was always in very great hopes that God Almighty would have ordered it so, that their adversaries might have agreed with them, so that I and my dear friend, whom I loved as my own brother, *Hans Ulrich Krafft*, might have been returned home again with joy. But it pleased God to order it otherways, for the differences grew the longer the more difficult, and were so long produced, that these young gentlemen, particularly *Hans Ulrich*, was kept there in this hard imprisonment very near three years. To tell all that he suffered and indured there, would be too long here; only this I cannot omit to tell you, that he did endure and conquer all these troubles and adversities (as I did see myself) with such a courage, patience and good conduct, that notwithstanding all these, although he was almost left quite comfortles, he was rather fit to comfort others than to be comforted. When I went thus in and out to them, I obversed very well that the *Turks* have very great compassion on poor distressed prisoners, and are very free to give them alms; and a man used to come in daily with bread or boiled meat, as rice, and other sorts of boiled corn, chiefly on feast days after the afternoons lecture was over, and when he distributed them, he did also always as he went by, fling in for each of them a little loaf (very like unto them they bake in lent in our country) into their apartment before them upon the ground, wherewith they must make shift, except they could live on their own means, or get somethong by their hand labour, wherof there was a good many that did, to maintain themselves. These alms, the *Turks* give rather freely, without being ask'd

for it, for they believe that God is better pleased with that which they give freely, than that which is begged of them. Wherefore they have very few or no beggars in their towns, which beg alms as they do in our country. During my stay at *Tripoli*, I did at the request of the Consul, live in his Fundique, who entertained me very honourably, that I might give attendance; and if any of the Merchants or Seamen should happen to be sick, I might use my best endeavour to cure them. So I did in the space of three months cure only in our Fundique, above forty men of all sorts of distempers, *viz.* malignant fevers, violent gripings of the guts, &c. which generally befell them that were lately arrived, and were not yet acquainted with the air and diet of the country. There happened in these days, a miserable cruel case, that some (among whom were five *Italians* and one *Frenchman*) did arrive at *Tripoli*, which made themselves soon ready to go from thence farther to *Aleppo*, with their merchandizes to sell there. Upon the road they left their caravan too far behind them, and met with some horsemen which spoke to them, and desired them that they would halt at the command of their master the Sub-Bashaw, and dismount, and go into the next camp (which I found very desolate and ruined when I went by formerly) to stay there until he came to them, which would not be long, for he had something to say to them; the Merchants obeyed them readily, fearing that if they should not, they would be punished severely by the Sub-Bashaw for their disobedience. After they were gone into the camp, the murderers immediately fell upon them, shooting and striking at them, until they killed them all at last, then they buried them in the ground, mounted their horses and rode away. After these murderers thought they were very secure, one of these rogues, which were said to be *Arabians*, met one of the Mockeri, or Carriers, of the same caravan, he knew the horse immediately, and perceiving it to be bloody, his heart gave him that it was not right, wherefore he made haste up to him, and thrust his bended bayonet into his side, and took him prisoner, and carried him to *Aleppo*, where he was, as I did hear afterwards, having confessed the fact when he was upon the torture, executed for

for it. They did also seek for the rest, but did apprehend none of them in the time of my staying. The Sultan else taketh great care to keep the roads safe and free from highwaymen, that trading may go on without hindrance. Yet sometimes there are some of the great ones, and men of note, that put others upon it for gain's sake, so that one must be very careful in these countries. It is not long ago when we had news, that not far off the Christians had taken some ships from the *Turks* and carried them off, and also formerly in the beginning of *July* of the last year, they lost some more, and as, I am informed, among them were four great ones, three fly-boats, and two other that were taken by six gallies of the Christians, which made the *Turks* mightily discontented; wherefore the Emperor sends out many gallies into several places, chiefly to *Rhodes*, to cross the seas up and down to keep them clear from pirates, and to hinder them from making incursions or descents upon him. These come sometimes into this port, but our Merchants and the Masters of our ships do not care for their arrival, for they are forced to present them with cloths, woollen cloaths, money, &c. if they will remain in favour with them.



## C H A P. XII.

*Of the large and big mount of Libanus, it's inhabitants and strange plants that are found there.*

WHEN I staid with the Consul at *Tripoli*, and had not a few of his infirmities in his Fundique, some others of other nations did sometimes between whilsts desire my assistance and advice, and among the rest an eminent Patriarch of the *Maronites*, which reckon themselves to be Christians, and are called so from the heretick *Maro* to this day. This did live in the mount of *Libanus*, and was carried down, although he had a whole day's journey to *Tripoli*, and was afflicted with that painful distemper the gout very severely, to be cured by me. After some days, when he was pretty well recovered again, so that he intended to return home; he spoke to some of us in our Fundique, that we would be pleased to conduct him up the hill home again; which was agreed unto very readily, considering that this mountain is the most famous in all the country of *Syria*, whereof the holy Scripture maketh several times mention, speaking of its great height and famous rivers (of which *Jordan* is one), of its sweet smelling plants, and pleasantly tasted fruits; and also because there is a great many strange plants to be found. So we rode along with the Patriarch (who had no little reason to be afraid of the *Turks* clandestine assault) with all possible diligence, and came immediately from the town upon the heights of the promontories of the mount *Libanus*, which were very fruitful at the top, and had many pleasant plain fields, which extended themselves for three leagues to the high mount, so that this was a very pleasant road, where we saw sometimes on one

one side delicate vineyards, then on the other, fruitful fields sowed with barley, white Indian millet, &c. After this we came to pleasant woods, where sweet singing birds let themselves be heard, and recreated us; sometimes we saw some hares and some deer, so that we could not but fancy that we went through thick and dark woods. When we came out of them, and were very near unto the mountain, there lay some small villages before it, and we went to one of them, and very near unto it, in a green shady place, we sat down, and refreshed our selves with some victuals, which we had taken along with us before we began to go up the mountain.

The Patriarch was very merry with us, and presented us with some *Venice* bottles of his wine, whereof we drank a good deal, for it was so pleasant that I must confess that I never in all my life drank any like it. Soon after we broke up again, with an intention to reach his monastery that night, called *Our Lady's*, which lieth on the middle of the mountain as we travelled towards the top thereof; in the beginning we came into a narrow and rough valley, which had on both sides very steep walls, wherewith it was inclosed of a vast height, chiefly at our left hand, and yet towards the top, there were several caves within them, wherein Christians live, whereof we saw a great many that appeared so near to the edges as they went about, that we that travelled underneath, had much to do to keep us from being giddy. In that place (where from the height one may plainly see the whole neighbourhood to the very seas, as if it was a Specula, such as the ancients used to have) is always a strong watch kept by the inhabitants of these mountains (because they are not under the jurisdiction of the *Turks*, as others are, nor in any league with them) to hinder the *Turks* from making incursions upon them. When we went farther, and got over some little hills, we came out of this narrow place into wide meadows, pastures, corn fields, and to some fruitful vineyards; then again into narrow and deep, rocky roads where we had enough to do to climb over; and afterwards again into pleasant groves, by delightful rivulets that arose from springs that made so sweet a noise,

noise, that those mountains are therefore admired and commended, chiefly by King Solomon in the 4th chapter of his Song, verse 15. in comparison, where he mentioneth the streams from *Lebanon*, which make *Damascus* one of the most pleasant and delicious places in the world.

On this mount grow here and there, besides ordinary trees and bushes, thick shrubby vines, *Zizipha alba* & *ratila*, Poplars, two kinds of Dwarf-cedars with pointed and obtuse leaves, *Eupatorium Mesuae*, *Absinthium Ponticum*, *Elæagni Math.* by the inhabitants called *Seifeson*; and wild horn beams, a peculiar sort of willows, *Phyllireas*, *Styrax*-trees, the fragrant Gum whereof is to be found in apothecaries shops ; but chiefly, and in the greatest number were the Maple-trees, which are large, big, high, and expand themselves very much with their branches. After we had rested ourselves, and were a little refreshed underneath these, our labour began again, to climb up these high and steep steps. When we were thus a climbing, some country people, that we saw up so high before, came out of their caves down to us, with mugs full of wine, which they presented first to their master the Patriarch that was on horseback, receiving him with a great deal of reverence (bowing themselves down to his feet) and loving kindness, and afterwards they did detain us also, and presented each of us with a mug of wine to bid us welcome, which I and the rest received very willingly, but having pretty well heated myself with going, I at that time loved spring water with bread dipt in it very well, I only tasted a little of it. After we were got up these stairs, a great many more came running to present their master with chickens, pullets and other poultry, which his man took and carried up with them. Then the ways were pretty good and much straighter, so that we went on apace, until at length we came to the monastery, which we could not see before we came just upon it. Just before it without is a most incomparable copious spring, that floweth with delicate water, which is worthy to be often visited.

This

This monastry, which is not extraordinary built, lieth towards the left, almost in the middle of the mountain, under a great rock, which doth so cover and preserve it, that it cannot easily receive any harm from above. At our arrival the Monks came immediately, whereof I saw no more than ten, and received us very kindly, and shew'd us presently our lodging, which because they had no chambers to spare, was an arch'd chapel, that we might know whither to repair : Yet we kept more upon the top of the house, which was like others, cover'd with plaister, which was the delicatest and pleasantest place of all the buildings, where we could see the situation of the snowy hill towards the east above the Cedars, which was a very pleasant sight, and also below us several other hills, whereon they feed their cattle, together with the deep and dark valley : and, the monastry being but small, so that they had not much room in it, we also supp'd there in the open air with the Patriarch and some of his Fraternity, on a long table. They treated us very well, and gave us some white wine to drink, which was better than that we drunk on the hill, in *Venice* glasses, the like whereof is not to be found, neither in *Candia* nor *Cyprus*. But they feed, according to their order, only upon plain food as beans, and *French* beans, and the like leguminous fruit, &c. At night when they conducted us to our lodging to go to rest, they shew'd us instead of beds some straw mats and tapestry, spread upon the ground in their church on which we were to lie, and so we did and rested that night. In the morning they came very early before break of day into the church, when we were still very sleepy, to do their office, and began immediately to ring two bells, which made underneath the rock such a resounding noise, that it stupify'd us, and made us (chiefly because some of us had heard none in two years time, and were full of sleep and but half awake) so dull, that we did not for a good while know where we were, until we came a little to ourselves again. Afterwards I beard them with attention for a good while, and did look into their books which were written with *Arabian* letters ; but what religion they were of, I shall tell

tell you hereafter, when I shall make mention of other Christians.

At break of day we made ourselves ready to go farther up the hill, to the height thereof where the Cedars stand, to see them, so that we might come to the monastery again. Along with us went two Monks to shew us the way ; they conducted us back again to the rich springs of water, to the stairs, which were very rough, and so steep that we were often forced to hold ourselves by the bushes, which we could reach at both sides ; but chiefly when we turned on a sudden, of which turnings they had very many. So we got up higher and higher, with a great deal of labour, until we came to a little chapel standing just at the top of the stairs on the hill. Near to this chapel is a small village, which we went through, and saw spacious fields well cultivated, so that the inhabitants of these mountains, could have no want of corn, wine, flesh or oyl, &c. although their neighbours should not supply them for years with any thing ; and besides, their lands are so well secured on the height, and so lock'd up, as if they were surrounded with high walls and deep ditches ; and moreover they are a very stout and warlike people, very well provided with bows and guns, &c. so that their neighbours cannot easily hurt nor do any mischief to them ; and they are also soon alarm'd, which we found, when these two Monks did immediately raise twelve men well arm'd, in the farthermost village towards the snowy hill, to conduct us safe up to the Cedars of the highest mount, that their neighbours the *Trusci* might not hurt us. But as I understood afterwards the *Trusci* are in confederacy with the inhabitants of mount *Libanus*, so that they need not to fear any harm from them. But they rather did it to frighten us, to get a good recompence from us that they might rejoice, and treat us the better, as Christians, on our return. So these twelve went before us and conducted us up to another, but very barren and rough plain, where we found ourselves to be upon the highest point of the mountain, and saw nothing higher but only a small hill before us, all cover'd over with snow, at the bottom whereof the high Cedar-trees were standing,

some

some whereof King Solomon ordered to be cut down to be employ'd for the use of the building of the temple of *Jerusalem*. And although this hill hath in former ages been quite cover'd over with Cedars, yet they are since so decreased, that I could tell no more but twenty four, that stood round about in a circle, and two others, the branches whereof are quite decay'd with age. I also went about in this place to look out for some young ones; but could find none at all. These trees are green all the year long, have strong stems that are several fathoms about, and are as high as our Fir-trees. They have very large twigs that bend the tree, and make it lean that way, which somewhat spoileth their straightness. Branches grow up straight, as also do the cones thereof, which are large and round, and extend themselves a great length, in so delicate and pleasant order and evenness, as if they were trimm'd, and made even with a great deal of diligence, so that at a distance, you may see the tops of them very even to one another. So that one may immediately see at a great distance, a great difference between these and other Fir-trees. They are else very like unto the Larch-trees chiefly in their leaves, which are small, and all close together, but stand farther asunder upon small brown shoots, which in their length and bigness are like unto them of the *Muscus terrestris*.

After we had rested awhile underneath the Cedars, and began to be coldish in this windy, snowy, and cold place, we began to return to the monastry again. By the way I saw about the river three sorts of *Tragacantha*, one whereof I took according to it's shape to be that of the learned *Carolus Clusius*, which is very like unto the true *Tragacantha*. The second is somewhat lower than the first, else it is very like unto it, only it beareth yellow flowers, each whereof growtheth by itself in round yellowish bags, and several of them stand one above the other on long stalks. The third is almost of the same height, and hath more brown colour'd strong stalks, with white woolly heads of *Poterius*, whereon you see purple coloured flowers. I found also by them another plant, which to be brief, considering it's brown colour'd flexible twigs, and longish fat leaves, is very like

like unto the *Chamaelea*, of a very sharp taste, I think to be the first kind of *Sanamunda* of *Carolus Clusius*. Besides these I saw hereabouts two thorny shrubs, one whereof was, with it's red colour'd grapes (setting the leaves aside as far as I remember) very like unto our *Oxyacantha*. The other, which was full of thorns, and had small red purple colour'd flowers, was like unto the first kind of *Scorpius* of *Carolus Clusius*. Among the bulbes I saw the *Scorzonerā* with yellow flowers, and also a pretty sort of Tulips with yellow stripes, and not far from it the true *Ribes* of the *Arabians*, which I found in autumn at an ill time, without flowers or seeds, only with two leaves, as if it was just sprung up. The leaves thereof are rough and round, as big very near as those of *Petasites*, call'd Butterburn in our language, which grow upon short yet thick stalks, which are also full of a pleasant sowrish juice, as well as their stalks, whereof chiefly the true *Rob Ribes* is prepared, as I have seen it myself, and *Serapio* testifieth. This loveth moist grounds, hath a strong brown colour'd root, which is pretty long, wrinkly, bended, and of a very unpleasant taste. On the height of the mount I saw more plants, some whereof I had not time to mind, and others that are not yet known, wherefore I omit, for shortness sake, to say more of them.

The mountain is very high, so that it may be seent in *Cyprus* about 200 *Italian* miles off; wherefore the day breaketh later at *Tripoli*, and not until the morning sun appeareth before it: And moreover you find there snow all summer long, which they bring down from the mountains, into the Batzars or Exchanges to sell, to cool their drink with it, chiefly in the dog-days, and fling it in by handfuls. Yet when we were at the top, we could not see far about, being hindered by some hills.

After we were come down from the mountains into the little village again, our conductors brought us into a pleasant garden where their wives came to us, who brought to us several yet strange sorts of milk-meats to eat, and very good wine to drink; so we sat down in the grass according to their fashion, to eat and drink, and to make merry, and spoke to them in the common *Arabian* country language, and what we could not speak

speak out, we made them understand by signs. After we had dined, we return'd them many thanks, for all their kindnesses and good cheer, and so we went away. By the way we saw more plants, viz. the *Alyssum* of *Dioscorides*; a delicate kind of *Cynoglossum*. And also near the stairs some wild Fir-trees, *Podium Montanum*, *Marrubium Creticum Lobelii*, as I judged according to it's shape. A delicate yellow *Facea* with scaly heads, and prickles like unto the *Spina Solstitialis*, which is low, yet it hath a long and strong root, cover'd with a gray and hairy rind, like unto the *Victorialis*, the leaves are jagg'd or laciniated, of an ashen colour and hairy, as also the two before-mention'd; and another kind of *Facea*, with purple colour'd flowers, which is very like unto the yellow one of *Lobelius* (which I have also found in *Provence* in *France* near *Aix*) saving only the prickles that are about the heads. Just before we came quite down, I found two kinds of *Linaria*, one whereof, that is of a pretty bitter taste, puts forth long and slender stalks from the root, clofely surrounded with a great number of *Linaria* leaves, and hath at top one, two, or three long scaly heads, from whence issue small purple colour'd flowers; the other groweth also in leaves and stalks almost like unto the first, only they are smaller and tenderer, and hath quite to the top abundance of light and small purple colour'd flowers round about it as the blue one of our gardens. At length after a long travelling and climbing, we came just when the night broke in, down to the monastry again; after supper we went strait to rest, that we might be up early again to go for *Tripoli*. After break of the day when we had taken our leave of the Patriarch and his brethren, and made ourselves ready for our journey, we came strait away. By the way we saw several of *Arbores Juda*, with their red colour'd husks; and also in the rock a fine *Gnaphalium*, with ash-colour'd roundish mouse-ear leaves, and snow white double flowers. As we went on, and were almost come to the house that stood upon the height, whereof we made mention before, these inhabitants came down again, got before us, stopt us, and would not let us pass until we had drank with them. Then we went on again, and I found in the deep and dark valley

the right *Medium Dioscoridis*, and *Mindium Rhafis*, which I did spie immediately among the bushes, by it's height and spacious purple colour'd flower. This plant is very like unto the *Viola Mariana*, of the learned *Rempert Dodonius*, very stately, so that no great difference can be found but only in the leaves, which in this are more carved, like unto those of *Plantain*, and in the flowers which are more open, and spread themselves with their long and narrow leaves, whereof each hath eight, into a round circle; the seeds I saw not because they were not yet ripe, yet I found a greater austerity in the root than in the seed vessels. Not far off, I also saw in the valley a strange plant, which was of the height of a cubit, and had whitish and wolly leaves, like unto our *Mullein*, only they are less, and grow quite to the stalk, as those of *Tabaco*, or of *Hyoscyamus Peruvianus* of *Rempert Dodon*, at the top thereof grow fine purple colour'd and white double flowers which stand close together, as those of the yellow *Amaranth*, or in the little *Auricula Muris* of *Fuchs*, so that according to all this, having also fragrant roots, and like unto those of black Hellebore, which broke, because I pull'd it up in haste, as I judged by that part thereof which still was left to them, I clearly take it to be the true *Baccharis* of *Dioscor*. In the valley farther down towards the water, grew also the *Oleander*, and the *Apocynum Repens*, which climbeth upon the trees that stand nigh it, and covereth them so that it hangeth down again at the sides, like the *Ephedra* of *Pliny*. After we came out before the mountain, there appeareth the *Italian Spondylium*, *Vifnagia*, &c. there we went into the next village, and look'd after the victuals we had left, to refresh ourselves. When we came from thence I found the black *Chamælion* with it's handsome blue colour'd tops; *Origanum*, *Onites*, *Lycium* call'd also *Zaroa* by the inhabitants; the second *Acacia* with trefoil leaves, and when we came near to *Tripoli*, to the old and high rivulet, between the mountains, I found the second *Tragoriganum* of *Carol. Clusius Ceterach* and low St John's Wort, a fine *Chamædrys*, &c. but above all, a thorn-bush, about the hight of a cubit, very thick of twigs and stalks, so that some of them lie on the ground; the stalks

stalks, whereof many grow out of a root of a drying quality, and somewhat bitter, are surrounded with a tender gray rind, underneath which is another reddish one to be found. It's long tender leaves that grow one against the other, which are of the colour of ashes underneath, and green above, are very like unto the leaves of our *Sanguisorba*; between them at the top or the crown sprout out many thorns, the biggest whereof diuide themselves at the top into other less ones in very good order, so that some point down, and some upwards, and others towards the sides, and some thereof sprout out farther before the rest, which sprout out early in the spring, and bear small greenish colour'd starry flowers; from underneath them grow out small soft berries of a whitish colour, and some reddish, which are so close together, and stand in their ranks, at the top whereof the flower is still plainly to be seen, like unto our currans. The seeds thereof I have raised in the famous garden of the generous and eminent *Hans Heinrich Herwarts*, Alderman of this place, very easily, and they grew up until they were ready to blow; but as other outlandish plants do seldom endure our climate, so did this also die the next winter; it is call'd by the inhabitants *Bellen*, but I am of opinion according to it's shape, for of it's virtue and use I can say nothing, because I never try'd it, that it is the *Hippophœ* of *Dioscor.* so long until others give me a better instruction. Not far from hence I found on the height, near to the town in a rough place, another fine plant, not unlike unto our *Gingidium*, only that it hath less fenil leaves and beareth a roundish seed, with many smooth wings hanging round about it, which close themselves almost into a knot together, with it's tender leaves, which sprout out underneath the crown, like unto the black coriander; which induced me to inquire after it more narrowly what to call it, and being I found that it had a small white root, tender leaves, and a bitterer taste than our wild parsnip, and also in the middle of the crown a blewifh knob, I cannot judge it but to be the true *Gingidium* of *Dioscor.* From thence we soon went down the stairs again, and came by some *Turkisb* burying places, and some wild figg-trees, by

them call'd *Mumeitz*, whereof a great many are growing in these grounds, into the town of *Tripoli*.

Soon after an honest and skilful *Botanist*, to whom I came to enquire after plants, told me that a great many more were to be found thereabouts. Wherefore I went out again to look for them, and to get them also. So I found first upon the height near the vineyards a *Cassia Monspeliensium*, which he call'd *Mackmudi* and *Macmisi*, and the berries thereof *Habel Mickenes*. But whether this is to be taken for the *Avacsum Rhasis*, or no, I cannot certainly affirm. This is so common in these places that they make brooms of it's twigs. Moreover I found in the vineyards another stately, fine and strange plant, which was about two cubits high, and had whitish, woolly, and long, sharp pointed leaves, which are set round with small prickles about the edges, and had on each side towards the stalk little ears, as our forrel and spinage have ; it is of a bitter taste, and at top thereof on long stalks grow many smooth hands which in their bigness and flowers are very like unto the yellow *Jacea*.

But that I may not be too tedious, it being not my intention to treat here of every one at length, I will mention but one more before I conclude, which I found just at the spouts where in rainy weather the water runs down from the mount *Libanus* ; which is the true white *Beheen* of the *Arabians*, and is still to this day call'd *Bebmen-abied*, as the red is call'd *Bebmen-ackmar*, which also doth not stand far off, as my friend, that experienced *Botanist*, hath informed me. But because I was daily ready to go on ship board, to come home again, I had not time to obtain it ; this was at that time almost decay'd, yet I found still some green leaves about it, so that by all appearance it doth endure the winter, and so shoots out in new by degrees, which grow up yearly again instead of the old ones, these put forth long, great and pointed leaves, as big, sharp and as thick as a leaf of a pear-tree ; they have partly underneath on the stalks four much less, which stand two and two against one another ; and one also finds out a few of them on round stalks, many whereof grow out of the same root, about the height of a cubit,

where

where the uppermost stick quite to it, as you may see on the *Smyrnum Creticum*; on the top it puts forth oblong scaly yellow buttons, each of them on their peculiar stalk from whence issue flowers of the same colour; it hath a very long root, which at the top shoots out great branches, that grow so thick, that in time they may be separated and transplanted; but else they have but very few fibres, so that they rather are smooth, and also almost as tough and pliable as liquorish root, to which it is very like in it's bigness and colour, only it is somewhat whiter, and not so strait. But why *Avicenna* maketh mention also of it's wrinckles, I am of opinion that he rather speaketh of the greater sort, which is more wrinkly and rougher, and also for above a span long, seem to be shrank of age and turn'd woody, or decay'd and dry'd up, although within they are still juicy, limber, and have kept their natural colour. I was also inform'd of others, viz. of the *Costus Syriacus*, which they still know by the name of *Chast*, and is found about *Antiochia*: And not far off from thence is also found the *Nux vomica* as some esteem them, by the inhabitants call'd *Cutschula*; which together with a great many other famous ones I might have obtained, if I could have had a true, faithful and experienced guide; but for want of such a one, and also because I could stay no longer, I was forced to leave them behind, to be hereafter found out by such that shall undertake the like journeys.



## C H A P. XIII.

*Cunning and deceitful stratagems of the Grand Turk against the inhabitants of mount Libanus, the Trusci, and Maronites: And how he made war with them, and what damage they sustained by it.*

HAVING here before made mention of the *Maronites* and *Trusci* their neighbours and allies, I cannot but must also go farther, and briefly relate, how the *Turk* did make war against them, (as to whom they are not yet quite subjected) during the time of my staying in these countries. But from whence this war did first arise, and had it's beginning, I was thus inform'd, that it broke out about one of their governors, which lived then for a little time at *Damascus*. For when the Grand Signior observed that these people did daily grow in number and strength, he consider'd that if he should let them go on so, and neglect to curb them in time, they might probably after a while grow too potent for him; wherefore he thought it requisite to study and make it his busines to find out ways and means to subdue them, and to reduce them under his power. In order thereunto, he apprehended the governor that lived then in *Damascus*, and put him into prison, and at length took away his life unjustly, under pretence as if he had endeavour'd to raise a rebellion; not doubting but that when he had removed their head, he might the easier subdue and reduce the people. But when the *Trusci* and *Maronites* understood this cruel and abominable fact, not without grief and trouble, they were not only not at all discouraged from resisting so great and formidable an enemy, but rather took new courage that was promoted by the great anger this detestable

detestable fact put them into, so that they united themselves the firmer, and did unanimously resolve to oppose him with all their might and power, and to stand by their antient liberty; and accordingly they began immediately to arm themselves, to fortify their villages, and chiefly their passes, and to provide themselves with guns, bows, and arrows, and all other things necessary for their defence, so that in case of necessity they might be ready to resist their enemies, being such a kind that kept neither faith nor promise, which they had often experienced to their great grief and losses. So that in all probability it was like to be a war, which also broke out with great violence within a little time after. But because I went for *Bagdat* at the same time, where in former years the potent Caliphi did reside, I did hear no more of it in all my journey until at my return, when my comrade *Hans Ulrich Krafft* of *Ulm*, then prisoner in *Tripoli*, did relate it to me, so as it was reported to him by credible hands; who told me that the *Trusci* are very numerous, that they were divided into several regiments, of several colours, and that those that live in the middle of the high mountains were the most numerous of them all, that they live in a country that is very well secured and surrounded, so that they need not, nor will not be subject either to the *Turks* or any other potentate. They are warlike people, for the generality good gunners, that make their own guns and any other sorts of arms, &c. they have plenty of corn, oil, wine, good meat and good fruit, so that they need not any assistance of strangers. They chiefly deal in silk, whereof they wind (from silkworms) about one hundred rotulas in a year (which is about 450 C. weight) to send from thence into other countries. These have their white colours, and their confederates that live on the outward hill towards the sea, at *Baruti* near *Tripoli*, have red ones, and have also their colonel whom they call *Ermin Mackfur*, who also those that belong unto the white colours acknowledge to be theirs, as well as their own, who was lately murder'd. This because he could not entrench himself as well as the other *Trusci* on the hill, agreed with the Great Sultan, and made peace upon this account, that if he would let him live peaceably and quietly, he would

would help him to protect the country, and pay unto him yearly the accustom'd tribute, but if the Grand Signior would not be pleased with this proffer, he would join and assist them. The Emperor accepted of this, and did not only make this *Ermin Mackfur* Lord of all *Baruti* and *Scide*, call'd *Sidon*, but did also procure him a great and plentiful yearly revenue out of these countries; thinking thus to oblige him, to help him with his *Trusci* to subdue the others, not doubting but that he might easily overcome these, when once the other on the mountains were kill'd. But they would not get up the hill, but did profer to the *Turks*, that if their men and the *Moors* should go up, they would be ready in the valley about *Baruti*, to cut off all that should fall into their hands. This answer they gave to the Sultan, only for fashion's sake, for no *Trusci* killeth the other. When the Sultan saw that they would not bite one another, and that he was not like to obtain any great matter from the Colonel, he did notwithstanding send up the Bashaw of *Damascus* with six other Bashaws and seventeen Sangiacks, about 200,000 strong, both foot and horse well arm'd, to subdue the before mention'd *Trusci* which were about 60,000 strong, to burn, demolish and destroy their towns, villages, houses and plantations. After they were come up to the ascent two days journey from *Damascus*, they found the roads so steep that no body could pass them on horseback, for there was nothing to be seen but rough and sharp pointed rocks. So they agreed to dismount, and to go up to them on foot, and so they took presently six or seven villages, whereof there is said to be twenty seven in all, but they found nothing in them but some women and children and very few men (the rest were got upon the hills where they had entrench'd themselves) which were all cut in pieces, and the villages burnt.

The *Turks* and *Moors* thought themselves obliged, according to their Emperors command to go on farther, so they endeavour'd and got up higher, but could not do any more harm to the *Trusci*, being hinder'd by the bad ways; but on the contrary the *Trusci* met them sometimes and poured their shot upon them from all sides, before they were aware of it, so that they were but in

an ill condition. Then when the *Turks* would pursue these men, they were too quick for them, as being born and bred in these mountains ; so they did only laugh at them, and bid them kiss their breeches ; so the *Turks*, partly for want of provision, partly being tired by the steep roads, were sometimes forced, not without great damage and loss of their men, to retire again to take better measures. Sometimes also the *Trusci* would stand between the rocks cover'd and when they found any of their enemies appear, chiefly those that endeavour'd to climb up the rocks, they would all of a sudden shoot among them as among a flock of pigeons, so that many of them did precipitate themselves and broke their necks. They would also sometimes decoy the *Turks* into a good road and after eight or ten thousand of them were pass'd, they would with six thousand *Trusci* fall in the rear of them, to drive them up higher, where others soon did appear that came down upon them ; so they surrounded them sometimes and received them so warmly, that but very few of them came back again to tell what was become of the rest. After this war had continued for about two months, the Bashaw at last was forced to make a shameful retreat with the remainder of his forces, and that so much the sooner because the winter began to approach, so that it was impossible to endure the frost and snow, which occasion'd many to die, and the chiefest of them came home sick.

The *Trusci* pretend to be Christians, and the posterity of those that some years ago by might and strength recover'd the Holy Land ; so that still to this day they have a great affection for Christians, which those that travel among them to buy silks can testify, whom they treat and entertain very civilly with good meat and good wine, yet refuse to take any money for it ; and say, that what God hath given them they are bound to distribute among us Christians. But they hate *Mahometans* and Jews, and keep very good intelligence with the Christians of this country. Yet they themselves are neither Christians, *Turks*, *Moors* nor Jews ; for they do not go to mas, nor any other publick worship of God ; they cry out sometimes to heaven that God would be pleased to protect them. They also believe according to the opinion

nion of *Pythagoras*, that the souls of the deceased according to their merits, transmigrate from one body into another; that the soul of a pious man goeth into a new born child, and that of an ill man into the body of a dog or other wild beast; chiefly if he hath lived very ill. As they believe so they live also. Among them they marry to their nearest relations, the brother to his sister, the son to his mother, the father to the daughter, and they lie all together a night, but they will not marry into a strange family. The father or the mother says, seeing that God hath given me this child as a seed unto me, why should I throw it away upon a stranger; or else, I have a garden, and God giveth me flowers in it, is it not reasonable that I should enjoy them rather than a stranger? &c. they make use of a great many of these and the like expressions. They also keep a yearly feast with their wives which then they change one with the other as they please. Else they are not given to stealing, killing or any such like crimes, because they want for nothing, but if any be taken that hath transgressed he is executed immediately. So they live in peace together, and care not for any other Monarch.

*End of the second Part,*





# Dr Leonhart Rauwolff's T R A V E L S INTO THE Eastern Countries.

Wherein is chiefly treated of the Land of Promise, the city of *Jerusalem*, and also of several opinions, beliefs and Errors of the *Turks* and *Christians*.

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## P A R T. III.

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### C H A P. I.

*A short description of his departure from Tripoli, a town of Phoenicia in Syria, and how he went from thence to Joppa.*

FTER my return to *Tripoli*, when I found myself near to the confines of *Canaan*, the land of promise, promised and given to the *Israelites* by the Lord of *Zebaoth*, and considered, that our long before promised *Messias*, Lord and Saviour of the *Gentiles* was there, according to the prophete-

prophecies of the prophets born in *Bethlehem* of the virgin *Mary*, and by the *Jews* suffered the shameful death of crucifixion at *Jerusalem* on the mount of *Calvaria*, and afterwards was laid in the new tomb of *Joseph of Arimathea*, that was cut out of a rock, &c. I found in me a great desire to see these and other the like holy places: Not that I thought still to find there *Christ* our Lord, as the two young men *Peter* and *John* and the three *Maries* did, but to exercise my outward senses in the contemplation thereof, that I might the more fervently consider with my inward ones his bitter passion, death, resurrection and ascension, and to appropriate to myself, and to apprehend the better, and to make my own, by faith and firm confidence, *Christ* our Lord himself together with his heavenly gifts and treasures, as he has manifested himself in the holy scriptures; wherefore I was fully resolued to look out for fellow travellers to accompany me in this journey before I returned home again. I staid not long in quest of company, but quickly met four Pilgrims that came out of the Low Countries that had the same intention; there also came to us a *Grecian* Monk of the order of the *Carmelites* whom I knew before when he lived with his master, that I cured of a very dangerous distemper, and desired to go in company with us. So we agreed together, and bespoke a small *Turkish* vessel with eight oars, by them called *Caramusala* whereof there were many in the harbour, that wait constantly for travellers, goods and provision, to be carried into the neighbouring towns and provinces, viz. to *Antiochia*, *Caramania*, aciently called *Cilicia*, *Cyprus*, *Baruthi*, *Caramania*, or quite into *Egypt*. We bought some biscuits, cibets, eggs, cheese, pompons, which the *Arabians* call *Batticas*, *Margeropfel*, oranges, good wine, &c. which we had occasion of for our journey, of which as much as would last us eight days; for the ship-masters do not willingly land, chiefly with Pilgrims, because of the great customs the roguish *Turks* demand unjustly from us Christians every where, until we arrive at our designed stations.

After we had thus fitted ourselves, and got a good wind, we went aboard the ship on the seventh of *September*, in the year 1575, and put off, and came before night to the point *Capugio*, to the village *Aniffe*, anciently called *Neuphrus*, which was in former ages very well fortified, as still appeareth by some remainders to this day. This village is pretty big, but every where open, that one might easily take it with a handful of men; it is situated on the foot of mount *Libanus*, which is very high there, and reacheth unto the sea. It is chiefly inhabited by *Maronites*, as are also many more villages of this mountain, chiefly those that lie in vallies towards *Aleppo*, where I have inned many times when I went through it, and was very kindly received; they keep very good wine by them, which the *Turks* know very well, and come there very often for it, altho they are forbidden (by the laws of their Mahometan Koran) to satisfy their desire. These *Maronites* are Christians, and speak the *Arabian* language, and have their Patriarchs, which are first chosen by the people, and then confirmed by the Pope. After we had went on from thence very well all night long, all along the steep mountainous shore, and had made the utmost point of the promontory of *Baruthi*, we saw in the morning a far off, that famous town lying behind it, where formerly great commerce has been drove, well fortified with strong towers towards the sea, and surrounded with fruitful orchards and vineyards. In this, and also in more adjacent towns and villages, live a very warlike people, called *Trusci*, very nimble and expert in shooting with guns and bows, and call themselves the posterity of the ancient *Frenchmen*, which took and possessed many years agone, under *Godfrid* and *Baldwin*, *Jerusalem*, and all the Land of Promise. They are still a free people to this day, and not subject unto the Great Sultan as others are; wherefore he hath many times attempted to bring them under his yoak. And in order thereunto he did send in the year 1574 last past, a great army consisting of two hundred thousand horse and foot to subdue them; but what harm he did them I have already mentioned in the preceding part of this Journal. They are very willing to accommodate and

and serve outlandish Christians, as *Germans*, *Frenchmen* and *Italians*, whereof they make no difference, and to take them up into their habitations, and to shew them all civility and kindness ; nay, and what is more, to assist them according to their utmost power against the common enemy of Christendom; as we have formerly found indeed before *Cyprus* was taken by the *Turks*; for after they were informed that some *Italian* gallies were to arrive to make an incursion into the adjacent towns and places, chiefly to plunder *Tripoli*, they raised seven thousand men very well armed to help them; and to come to their assistance, some of which did then appear and shew themselves on the frontiers; but finding that their gallies did not arrive, they also returned home again, and left their design unaccomplished. The *Trusci* have a head called *Ermin Mackfur*, that is, a judicious man; and a very experienced soldier, whom they acknowledge to be their supreme governor, and are obedient to him ; he liveth in a castle on the bottom of the mountain not far from the town we went by ; he taketh great pains, chiefly now after the *Turkish* war, and maketh great provision to keep the country in peace and security. He also keepeth good correspondence with the neighbouring people, chiefly the *Maronites*; that have lived long before in these mountains, with whom he hath lately renewed the old confederacy again, as I know very well, and their Patriarch himself was with him, before I was called to cure him of his distemper. He also leaveth no stone unturned to get in with others, and to make them his confederates ; so that he hath already secured to himself the *Syrians*, which are also Christians, yet not without gross errors, by paying to them a yearly pension. These speak also *Arabick*, and are very like unto them in shape, manners, fashion and cloaths ; and I found two of them among our seamen, that confirmed this to me.

After we had gone on a great while, and were passed by the point of the promontary of *Barnti*, which extendeth itself far into the sea, our ship-master, who was a *Turk*, and understood the *Arabian* language, shewed me a village lying beyond it, called *Burgi*, and told me; that that was also inhabited altogether by *Harati Quibir*, that

that is, great robbers and murtherers, as they always call these people. But I being better informed beforehand, I prayed by myself that God would be pleased to let the poor slaves that live in hard servitude under the *Turks*, who were these they call *Harani*; and I do not at all question, but they would soon take their refuge to them to make themselves free of their servitude, as those might easily do, that live about these countries in *Syria*.

We saw also upon the shoar some ancient towers, and among them chiefly two, which are renewed again, wherein the *Trusci* keep watches to observe the pirates, but the others whereof there are a great many not above a league distant from one another, are for the greatest part by age decayed. Some say that they were formerly built by the potent Emperors, that if any nation should rise up in rebellion, they might immediately give notice thereof to *Constantinople*. These gave notice, before guns were invented, in the night by a flaming fire, and by day-time by a great smoak. And they still keep to this in many places, altho' guns are now invented.

In the afternoon we were becalmed, and so our journey went on but slowly, we saw late at night a small village called *Carniola* upon the height: and soon after at the foot of the high mount of *Libanus*, southward of the city of *Sidon*, by the inhabitants still called *Scida*, which is not very great, but as far as I could see, very well built, and defended by two castles, one whereof is situated towards the north on a high rock, the other on a little hill. Those that are going to *Saphet*, which is a day's journey distant from it, land there. Before we could reach it, night befel us, and brought contrary winds, which hindered us so much, that we could hardly reach the glorious and rich town of *Tyrus*, now by the inhabitants called *Sur*, which lieth in a manner close to it, until the next morning. This is still pretty large, and lieth on a rock in the sea, about five hundred paces distant from the shoar of *Phœnicia*. In former ages *Alexander the Great* did besiege it for seven months, and during the siege he filled up the

the freight of the sea, and did join it to the continent, and after he had taken it, he laid it into ashes, so that punishment was inflicted on the inhabitants which the Prophet *Esaias* denounced against them four hundred years before.

On the confines of *Tirus* and *Sidon*, that *Cananeian* woman came to *Christ* on behalf of her daughter that was possessed of an unclean spirit, whereof the Lord, seeing her faith, did deliver her immediately.

Just before it, we heard a great noise of large running springs, which rise within the country with so great a vehemency, that they drive several mills. Within a large distance from thence, we saw a very fine new house called *Nacora*.

Two miles farther near mount *Saron* within, southward, we saw a large village called *Sib*, without it in the sea round about were several banks and rocks, behind which we hid ourselves, the wind being contrary, and staid for a more favourable one; in the mean while, some of our men got out among the rocks to catch fish, and to find oysters, where they also gathered so much sea-salt, that they filled up a great sack with it.

Between this and mount *Carmelo*, which are eight leagues distant, and run out a great way into the seas, lieth almost in the middle thereof, as it were in a half moon, the famous town of *Acon*, anciently called *Ptolemais*, on a high rocky shoar, which some years ago, when *Baldewin*, the brother of *Gatefrid*, first, and *Guidon* after him, did possess themselves of the Holy Land, was not without great losf of many men taken by them, from *Saladine* King of the *Saracens* in *Ægypt*, which had (after some obtained victories) surrendered itself again a second time, after a long siege. This town hath very good fields of a fertile soil about it, and is at this time, together with the Land of Promise and others, (to the great grief of the Christians) subjected under the yoak and slavery of the *Turkish* Emperor.

The next day the wind favouring us, we hoisted up our sails, and got out at sea, with less danger to get before the point of the mountain, but our design was frustrated

strated ; for about noon a contrary wind arose, which did not only hinder us in our course, but violently drove us back again, so that we were forced to have recourse to out old shelter behind the rocks again. After midnight when it began to be calm, and another wind arose, we put out two hours before break of day, and went along the shore towards the town *Haypbe*, formerly call'd *Caypha* or *Porphyria*, four leagues beyond *Acon*, lying just within mount, *Carmel*, where on the evening when we came very near it, several frigats came out of all sides to surround us. As soon as the master of our ship perceived them, he did not like it, wherefore he let fall his sails, and exhorted his men to ply their oars to get clear of them. When they saw they could not reach us, they left their design and went back ; but we landed without on that mount *Carmelo*, to put out again in the night. This mountain is very high and famous in Scripture ; for we read in the third book of the *Kings*, and the eighteenth chapter, that the holy Prophet *Elias* call'd before him upon the hill the people of *Israel*, the four hundred and fifty of *Baal*'s priests, and the four hundred of *Hayns*, to chide them for their idolatry ; where also God heard him, and consumed his sacrifice by fire that came down from Heaven ; but the priests of *Baal* were not only not heard by their idols, but kill'd as idolaters near the river *Kifon* ; and also in the fifth of the epistle of *James* ; that after the Heavens had been lock'd up for the space of three years and an a half, *Elias* did pray to God on this mount, and the Lord heard him, and let rain fall down upon the dry and barren earth. From this mountain, the (presumed) holy order of the *Carmelites* taketh it's name, which was first there endowed with several privileges by Pope *Innocent* the third, and *Albert* the Patriarch of *Jerusalem*, in the year 1205 ; and afterwards when they were encreased to a great number, under pretence of greater holines, confirmed by the name of *The Brothers of our Lady*, by Pope *Honorius* the third, in the year 1226. These pretend to be the followers of the doctrine of *Cyrillus*, wear daily black girded coats, and over them, when they say mass, white Monks habits. Some years ago without doubt, have a great many of this order lived hereabouts, as still to this day doth appear.

by their cloisters and churches, which by age are so mightily decay'd, that they are left deserted and uninhabited. This mountain is also round about towards the sea-coast very bare and rough, that we may very well say with the holy Prophet Amos, *That the pastures of the herdsmen shall look miserably, and the top of the mountain dry up.*

The town *Hayphe* lieth at the bottom of the mount *Carmelo*, is pretty large but very ill built, and the houses are so decay'd, that half of it is not fit to be inhabited. *Salidinus*, King of the Saracens, who in his time carry'd on long and heavy wars against the Christians, and was almost hardly able to resist them, caused the walls of it, and also that of *Cæsarea in Palestina*, and others of less strength, to be pull'd down, that his enemies might not find any place of reception against him.

Out of this port, as we were afterwards inform'd, was a little time before taken away a pretty large and richly loaden ship by some pirates, which vexed the inhabitants very much, and being that the Christians chiefly were much suspected by them, they had a great desire to revenge it upon them again; so that we, had not our master been very honest, should have suffered for the los they had sustain'd.

After we had lain there at anchor till after midnight, not without danger, as you may imagine, our master made haste to get out to sea, although it was very calm, in hopes to get good weather. After they had wright very hard, a good wind arose behind us towards the morning, and drove us along, so that we got soon about, and pass'd the point of the mountain, and saw the country on the other side, which was above on the height so pleasant, green and shady, that there in a village resides a Turkish Sangiack for pleasure's sake.

Nor far from thence lieth the castle of the Pilgrims in the sea, by the inhabitants call'd *Altis*, where most of them touch that take their way through *Galilea* and *Nazareth* to *Jerusalem*. This hath been in former ages so well fortify'd with walls and bastions, that it was thought to be impregnable; but now it is on two sides towards the sea so demolish'd and destroy'd, that one may very reasonably guess, that it hath been formerly taken by storm.

The wind still encreasing more and more, we went on with such a swiftness, that although two little ships pursued us towards morning, yet they were forced to leave us, and so we soon passed the castle, and came towards *Dor*, three leagues distance from thence; it lieth near mount *Carmel* in the country of *Phœnecia*, as *Josephus* testifieth; and it is so decay'd that there is nothing more extant than a large and high tower, which the inhabitants still call *Dortaita*. In this country when the Jews took *Canaan* the Land of Promise, they let the inhabitants remain, as you may read in the first chapter of the *Judges*.

At a leagues distance from thence, you see the ancient and famous town *Cæsaria* of *Palestine*, situated by the sea on a high bank, which King *Herod* did renew, and call'd it after the Emperor *Cæsarea*, which still to this day, among the *Turks* and *Moors*, retaineth it's ancient name *Kæsarie*. In this town did live the pious centurian *Cornelius*, who was baptized there with his whole family by *Peter* the Apostle, who was call'd thither from the town *Joppe*. There did also live *Philip* the Evangelist, one of the seven Deacons, into whose house the holy Apostle *Paul* did go, and staid there some days; where also the Prophet *Agabus* did foretel him, That he was to be made a prisoner at *Jerusalem*. Now although this town in those days was very well built, as one may still see by the important and stately antiquities that are still remaining there, yet now in our times it is in walls and buildings so mightily decay'd, that it is hardly fit to be inhabited, much less to be defended; or to make any resistance. And for all that it is still pretty large, but so lonesome and so depopulated, that we could hardly see any body in the large and broad streets thereof as we passed by.

For some leagues before, or about it, I saw nothing remarkable, only a *Turkish* Mosque, or church, in the height upon a hilly shore, where they meet to worship *Mahomet*.

When the evening broke in, we had still ten leagues to sail to the port or harbour of *Joppe*, where the pilgrims use to go ashore to travel by land to *Jerusalem*, yet the wind drove us on with such a force, that we got into it two hours after sun-set.

## C H A P. II.

*A short relation of my travels by land from the barbour of Joppe, to the city of Jerusalem.*

**I**N the morning early as soon as the day did appear, which was the thirteenth day of September 1575, we got on shore, and dispatch'd immediately some to the town of *Rama*, two leagues distant from thence, to get us a safe conduct or pass, from the *Sangiack*, and to bring along with them some *Mockeri*, or ass-driving carriers, to provide us carriage to *Jerusalem*. In the mean while we stay'd upon the high rocky shore, where the town *Joppe* did stand formerly, which at this time was so demolish'd that there was not one house to be found, where the pilgrims at their arrival could shelter themselves, save only three large vaults, which went very deep into the hill, and extended themselves towards the sea. Into these are sometimes the Pilgrims let in, but being that at that time, a great deal of corn was laid up there, whereunto they still daily added, on purpose to supply *Constantinople* during the scarcity, it was forbidden that any body should be let in.

The town *Joppe*, by the inhabitants call'd *Japha*, is by it's old name very well known to us, by the books of the Prophets and Apostles, &c. where we read, That the Prophet *Jonas*, when the Lord bid him to preach to the *Ninevites* desolation and destruction, for fear did retire thither, and there took ship, where he was thrown out into the seas in the great storm and tempest, and swallow'd up by a great fish; and after he had been there for three days and nights he was vomited out again. And we read also in the *Acts of the Apostles*, in the ninth and tenth chapter, from *Peter the Apostle*, That he lay, or tarry'd, for a while

at

at the house of *Simon* the Tanner, where he raised the sister *Tabitha* from the dead, &c.

*Joppe* at that time was very well built and fortify'd, which doth appear, because a good many of the Jews did, at the time of the desolation of *Jerusalem*, retire thither, to defend themselves against the might of the *Romans*, although it was but in vain ; for being that the time of the punishment, that was to befall them, was at hand, the city therefore was two several times one after another, besieged and taken, and demolish'd, and as *Josephus* testifieth, about 12600 Jews were kill'd in it. We also read, That after the time of *Gotfrid de Boullion*, when the Christians lost again the Land of Promise, that then this town was also retaken again by the infidels, and razed to the foundations ; so that now there are no antiquities at all to be seen. And I should have doubted very much whether there did ever stand such a town there, had I not seen some large pieces of the ancient town walls still remaining, which are so near to the sea, that there is hardly room to go at the outside of them.

Hard by this I suppose was the habitation of *Simon* the Tanner, where *Peter* sojourn'd, because the Evangelist *St Luke* saith, That it was near to the sea shore.

Above it on the height stand two towers, where some watchmen attend to look after the vaults and ships in the harbour, that they may not be assaulted by the pirates ; this harbour, although it is surrounded with rocks and banks, yet it is but very slightly secured, and very narrow and shallow, so that ships of any great bulk or heavy laden, cannot ride in it.

Near to them groweth the *Hemerocallis*, which I have also found about *Montpelier* and *Aigemort* near to the sea. And also in the adjacent moist and marshy meadows, I found a delicate kind of *Limonium* which hath about ten or twelve *Asplenium* or *Cetarach* leaves on both sides ; these proceed from a long root of a brown colour without, and red within ; between them sprout out two three-square stalks, about a cubit high, with a great many joints, that have three long small leaves, and are adorn'd at the top with beautiful and stately blue and

purple colour'd flowers ; they are of a drying nature, and the inhabitants use to eat them in fallads.

Presently after dinner our men return'd, and brought along with them the pafs and the carriers ; our master of the ship left ſome of the crew in his *Caramufala* to look after it in our absence ; we mounted and went away, and came ſoon into the plain fields where *Jouatbas* flew *Apollomius* the Captain, as is ſaid in the firſt of *Macabees* the tenth chapter.

Soon after we ſaw a pleasant village call'd *Jasura*, and when we came a little nearer, a carap of a great Turkish Lord, who ſent (as ſoon as he eſpy'd us on the road, and found that we were pilgrims) ſome of his men to us, to call us before him, and also to tell us, That he was one of them to whom the Grand Sultan had given charge of the Temple and the mount *Calvaria*, with ſtrict order to let no Pilgrim in before they had paid a certain ſum of money. So we went along with them, and appeared before him in his tent, put our right hand on our breast, bended ouరſelves forwards, and made him, according to their cuſtom, his compliments. After he had look'd upon us for a great while, he bid his men to receive the money of us ; ſo each of us paid him nine ducats that had their full weight, except the *Grecian* who paid only five, and at their request we ſtaid with them all night, because their master intended to ſend a Janizary with us the next day, to let us into the temple. This Lord, who was an Eunuch, had a great many offices ; for in these countries they are by the great ones, as Baſhaws, Sangiacks, Cadees, &c. ſo much eſteem'd, that in their abſence they make them ſtewards over all their goods and chattels, wifes and children, &c.

At that time he was there to gather great quantity of corn from theſe fruitful countries, it being harveſt time, and to ſend it from thence to *Joppe*, to go by ſea for *Constantinople*.

After midnight we mounted again, and came early in the morning to the town *Rama*, and went into the house of the pilgrims, which *Philip Duke of Burgundy* bought, and gave it to the Pilgrims as their inn. This is very large, and hath a great many arched chambers

chambers within, and a fine well ; within the inner court is a pretty large place, all grown over with green Aloës, the juice whereof is brought over to us in large pieces, from the eastern countries, and is very useful in many tedious distempers ; *Nicodemus* did also bring with him, together with myrrh, to the quantity of one hundred pounds, to the grave of *Christ* our Lord, to bury his body decently according to the Jewish fashion, as you may read in the nineteenth chapter of *St John*. Here we staid almost three days, and had all along enough to do to agree with the Cadi, Subashaw, Clerks, Janizaries and Paityfs, &c. about our free passage ; so unjust, malicious, and infidel a people are they, that one would hardly believe it.

The town is situated on an ascent in plain fields, as is before said, which extend themselves for two leagues to the hill of the city of *Jerusalem*. These fields are very fruitful, and very well till'd and sown with corn, cotton, and *Indian* millet. Hereabouts do also grow *Indian* muskmelions in great quantity, by the *Arabians* call'd *Batiere*, which are very pleasant and well tast'd, chiefly those that are red within ; so that in all my travels I hardly met with the like.

The town is pretty large, but very open like unto a village, very pitifully built, where one may still see here and there some signs of old building.

From thence northwards within half a league lieth the town *Diospolis*, formerly call'd *Lidda*, where *Peter* did visit the Saints, and cured one named *Aneas*, that had had a palsey for eight years. Nothing else is to be seen there, but the church of *St George*, whom the *Turks* chiefly honour, as a Knight and *Hero*, before all other Saints. After they had quite tired us, during this time, with their continual impertinencies, we agreed with them, and went away early in the morning, and came in good time over the plain, to the mountain of the city of *Jerusalem*, to which we had still four leagues to travel. By the way there appeared presently on the mountains several *Arabians*, and ran before us in great clusters to cut us off in our way, with such violence, that we were almost forced to come to our defence, and to push our way through them by force ; for our Janiza-

ries had already flung their iron club into the backside of one of them, and had almost spoil'd him. When they found us to be in earnest, they took something to drink of us and let us alone. So we must, before we arrived at the old destroy'd and ruined *Jerusalem* (where there is no joy nor hopes to get any thing, as is in the Heavenly one) soon one after another pay them, just like boys that have lost their game and run the gauntlet.

After we had endured all these brushes we went on, and came to the middle of the way of the mountains, where it was very rough and stony, into a small village call'd *Anatoth*, lying on a height, where we rested a little, and water'd our beasts at a very rich spring, that runs through it by an ancient little church down the hill ; this is situated (as *Josephus* writes in his tenth book and tenth chapter of his Antiquities, or Ancient History) within twenty furlongs of *Jerusalem*. There was born the holy Prophet *Jeremiah*, as you may see in his first chapter ; and it is also call'd by *Esaiah* a pitiful village, which, together with the town *Rama*, did formerly belong to the inheritance of the children of *Benjamin*. Thither went also *Abiathar*, when King *Salomon* did depose or exclude him from his priesthood, to live on his own ground. A little before it they shew'd us at the top of the height of *Silo*, of mount *Epbraim*, some relicts of the grave of the Holy Prophet *Samuel*, where we could look about for several leagues round, which was of *Ramatha*, or *Arimathea*, as also *Joseph* the Just, who helped to take *Christ* down from the cross, and did put him into his own new grave. The town was underneath the mountain where the Prophet *Samuel* was buried at first, but carry'd up to *Silo*, after the town was taken.

Just when you come to *Jerusalem*, *Nicopolis* lieth on the left hand upon the height, formerly call'd *Emmaus*, from *Jerusalem* threescore furlongs distant, as the Scripture telleth us ; whither *Christ* did accompany the two disciples, and explained the Scriptures to them, and at last made himself known to them. We left it and went up to *Jerusalem*, which is now call'd *Gortz* by the *Arabians* and *Turks*. The road is very rough and rocky ; so that we saw very little, but on each side in the valleys many delicate large olive-trees, and some few vineyards. The

The city lieth on the height of the mountains, as the 125th Psalm testifieth. It is not to be seen, until you come over the bare and rough mountains intercepting the prospect of it on this side.

Just before it without on the top of mount *Gibon*, are to be seen still some antiquities of the town *Helia*, which *Adrian* the Emperor built after the desolation of *Jerusalem*, and called it after his own name *Helia*. This was first taken by *Cosroe*, King of *Perisia*, in the time of the Emperor *Heraclius* who did overcome him again, and afterwards by *Homar* the third King of the *Saracens*, who demolish'd it; afterwards it was more contracted, and somewhat built again in it's old place. In these days it is, as well as all that country, under the dominion of the *Turkish* Emperor.

Before it we dismounted, for no outlandish man hath permission to ride into their towns, and went under the gate *Hebron*, to stay there for the Father Guardian, to whom we had by one of our carriers given notice of our arrival, and also desired him to get us license from the Sangiack to come in. In the mean time some Mendicant Friars came out of the monastery, and received us very kindly. Soon after the Ermin came also riding with his clerk, and ask'd us from whence we came, how many there were of us, and what our names were. And after they had written it down, and every one had paid him his due, to have safe conduct to see the holy places, the Ermin promised it us, and put his right hand upon his head, which is the fashion in these countries, and bended forwards to let us know that we might confide in his promise. Then they let us pass, and the Friars conducted us in, towards the left hand, through some small streets or lanes into the monastery, which is behind on the town-wall towards the west.

This although it is not large and spacious, yet is it very handsome and strong built; we went into lodge there as all Pilgrims do that come there, where Father *Jeremy of Brixen*, a brother of the order of the *Minorites* of St *Francis*, a Guardian of the holy mount *Zion*, who had been president of this monastery of *Jerusalem*, and of the other of *Bethlehem* for eighteen years together, received us very kindly. There are but very few

few Monks in it, and they are of all sorts of nations, as *Italians, Spaniards, French, and Germans*, yet of the last named I found not one when I arrived there. These lead the Pilgrims about, together with an interpreter or *Truschemant*, that understands the *Arabian* and *Turkish* language, and shew them the holy places as well within as without the city. But before we went out the Father Guardian admonish'd us, that we must have a care, and not go to the graves of the heathens, which are almost throughout *Turkey* without the towns near to the highways; for if one or more should, before he was aware of it, which may easily happen, go to them, the *Turks* would be very much offended at it, partly because they take any one that is not circumcised to be unclean, and so they fear that they might make them also unclean; partly because they are very jealous of their wives, wherefore they permit them not easily to walk or appear in the open street, except they have a mind to go into the bath or bagnio, or to visit the graves of their deceased parents or relations; and where women are present, every one had best to come away, to avoid danger.

After he had said this he went on, saying, That if any should be among us, that were come over the sea, hither, that could not bring very good proof, that they did appear before his Holiness the Pope at *Rome*, and were there absolved by him, that such were in his Holiness's excommunication, and therefore could not be admitted to see those holy places, much less obtain the indulgences, which in former ages had been left with them, out of great kindness of the Popes, to be distributed among the Pilgrims, wherefore he desired, that every one might shew him their certificates. All these points he used to propound to every one that cometh there, in course, as I had heard before of several that had been there formerly; that they were very glad to see Pilgrims arrive, and that they used to shew the holy places to them also that bring no recommendation from his Holiness the Pope, hoping that they will recompense them at their departure. Wherefore I did not much mind this excommunication, but let that remain in it's ancient credit; but my comrades,

rades, two whereof were Priests that used to say mass, were very much astonish'd at it, and full of trouble, that they should be under his Holiness's excommunication before they were aware of it; wherefore they began to excuse themselves, and said, That they did not know any thing of it, neither had they had any opportunity in their travels to come to *Rome*; but although this had been omitted before their arrival, yet they would certainly do it as they went back. Notwithstanding all this the Guardian seem'd to be very earnest, and made shew as if he could not absolve them; yet at last, after he had long enough kept them in this fear, he began to declare, that he had also received full power from his Holiness, and the whole *Roman Catholic* church, to absolve all those that did not bring any certificates. And so at last absolved us in the cloisters of his monastery in *Latin* with these words: *I absolve you of all your sins in the name of the Father, the Son, and the Holy Ghost.* And with this he concluded his speech.



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### C H A P. III.

*A plain description of the city of Jerusalem, as it was to be seen in our time ; and of the adjacent countries.*

**T**H E glorious and kingly city of *Jerusalem* (which formerly the *Saracens* called *Kurzitadon*, but now is named *Chutz* by the inhabitants) is still situated in the old place, in the middle of *Judea* on the high mountains, and as the head is extolled above the rest; which may be concluded, partly because from thence you may see all the country as from a center, partly also because the springs rise here, and so run down, as from a higher place, every way and to every part thereof; as the holy Prophet *Ezekiel* doth testify in his fourteenth chapter, where he saith; *That at that time fresh streams shall flow from Jerusalem, half thereof to the sea toward the east, and the other half towards the farthest sea.* There are also many other places of Scripture that \* testify

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\* Though *Jerusalem* might be situate in the highest part of *Judea*, yet are not the following places of the Scripture a sufficient proof of it. For because it was the capital, and supreme town, in regard of greatness, multitude of people, strength, jurisdiction, and other privileges, though it's site was not higher than that of other towns, yet might people well enough be said to go up thither, it being highest in respect of dignity, though not of place. So we make no scruple to say in common speech, that whosoever travels up to *London*, goes up thither; and whosoever travels from thence, goes down into the country, let his habitation be never so much higher situate than *London*. Yet was *Jerusalem* situate on a hill, which is enough to verify all those expressions, though that hill were not the highest in *Judea*.

testify the high situation of *Jerusalem*, as in the eighth chapter of the *Acts*, verse 26. where the angel of the Lord spake unto *Phillip*, saying, *Arise and go towards the south, unto the way that goeth down from Jerusalem unto Gaza*, &c. And in the tenth chapter of *St Mark*, and the thirty-second verse, *And they were in the way going up to Jerusalem*. And the tenth chapter of *St Luke*, verse 30. *A certain man went down from Jerusalem to Jericho*. And verse 31. *And by chance there came down a certain priest that way*, &c.

The situation of *Jericho*, together with the great plains thereabout, through which the river *Jordan* runs from the north towards the south, together with the Dead-sea, where formerly *Sodom* and *Gomorrah* stood, you see from the town, over a barren hill below, so plainly, that one would think we might go thither with ease in three hours, and yet it would require a whole day's journey. Beyond the river that separateth *Arabia* from *Judea*, lie the high hills *Abarim* and *Nebo*, over-against *Jericho*, whence *Moses*, (as is said, *Deutronomy* the 32d and 34th chapters) had a full prospect of the land of *Canaan*, promised to *Abraham*, *Isaac* and *Jacob*; one may see them thence so plainly, as also the mount *Seir*, which toucheth them beyond the Dead-sea in the land of the *Moabites* and *Ammonites*, that one would also think they were very near.

They bring yearly a vast quantity of sheep to *Jerusalem* from off the mountains, which feeding upon the fragrant, delicate and hearty herbs that grow there, have meat that tastes very pleasantly, the tails thereof are very fat, above half a span thick, and one and a half broad and long. The *Levetical Priest* (as we read in *Leviticus* the ninth chapter, and other places) used to burn this together with all the fat of the entrails, and the two kidneys for a sin-offerring.

There are also goats, with hanging ears almost two foot long. And therefore some *Arabians*, called *Balduini*, keep in the desarts, that have no certain abode, but lie continually in the fields, and go from country to country in great numbers, wheresoever they find good pasture for their beasts and camels. I have met with many

many of them in my travels, and have some time staid with them all night in their tents, they are commonly soldiers armed usually with bows and long pikes made of cane, as the other *Arabians*, and because of their nimbleness and courage they are very much preferred before the rest.

This Holy Land (which, according to the promise made to the Patriarchs, was for many years in the possession of the *Israelites*) was, as you read in *Deuteronomy* chap. viii. a most fruitful and rich country, abounding with corn, fruits, wine, and all that is required to the maintenance of man's life. So the Lord himself saith, *That be will give them a land, that still floweth with milk and honey.* For it hath rich valleys, hills, fields and gardens, richly adorned with fountains and trees, so that it was very well chosen to be the worldly Paradise, wherein *Adam* and *Eve* did live, honour and serve God. Now as the land in it's goodness surpassed other lands, so did *Jerusalem* excel all other cities in building, glory, fortification, and number of inhabitants. Moreover God visited the *Israelites* from the beginning, and had a house built in this city for himself, which he chose before all others to sanctify his name there. And above all this he provided them with High Priests, Kings and Prophets, until God the Father did send his only begotten Son, our Lord *Jesus Christ* in the flesh, to reveal to them his will with teaching and miracles.

But when they would not acknowledge his merciful visitation, nor receive his messengers, but did rather abuse, ridicule, and kill them, rejected the Lord of Glory himself, and adhered to, and adored strange Gods and served them; God did reject and disperse them among the heathens, burnt and destroyed their city and temple, and reduced their fruitful country into barren deserts and a desolate wilderness, and so the punishment came upon them, which the holy Prophet *Esaiah* did foretel them in the thirteenth chapter, and ninth verse, saying; *Bold the day of the Lord cometh, cruel both with wrath and fierce anger, to lay the land desolate; and he shall destroy the sinners thereof out of it.* And further in the twenty-fifth chapter, and second verse, *Thou hast made of*

of a city a heap ; of a defenced city a ruin ; a place of strangers to be no city, it shall never be built. And Daniel also maketh mention of this in his ninth chapter, &c. This ought to serve us and all men as an example of the fervent anger of God, to be a warning to us for ever. For if of the glorious city of *Jerusalem*, which God had chosen before others, and of it's vast buildings that made her famous before her desolation, there is at this day nothing at all to be seen, so that one might very well doubt whether it ever stood there, were it not for some holy places and it's situation, that give us demonstration thereof. If I say this worldly *Jerusalem*, because of it's unbelieving inhabitants, that would not acknowledge the Blessed *Messias*, nor adhere to his doctrine to their salvation, is quite rooted out ; and instead thereof, the way of the heavenly *Jerusalem* opened to us heathens by the holy apostles : *How shall we escape if we neglect so great salvation ?* This way to our Lord *Christ*, hath for many years past been shewed us sincerely by the ministers of the holy word of God, but we do not only not much care for it, but seek rather other byways, that lead us to idolatry, sin and vices, nay, to our utter ruin. Wherefore it is to be feared, that if we do not repent in time, and return to God again, that he will come upon us with his wrath (as he hath already begun) and deliver us up into the hands of our adversaries, that we may fall by their swords (as *Ezekiel* doth threaten us in his thirty-ninth chapter) and to punish us according to the deserts of our sins. Wherefore we ought to lay to heart the terrible example of the *Jews*, and turn from our evil ways, that we may avoid the punishments that befel them. We see that those who were formerly the people of God, are now come to be so blind, and full of errors, and of so depraved a life, that there is hardly any like them to be found, even among the infidels and impious. Wherefore they are by all men despised and hated, chiefly by the *Turks* (who hate them more than any other nation) so that they would not let them live among them, if the *Turkish Emperor* had not for a great sum of money given them a peculiar freedom. And besides

all

all this, now-a-days, their towns and countries are inhabited by *Turks*, *Moors*, and *Arabians*, that do not love to till or cultivate the ground, but will rathet starve than take pains to get a good livelihood by their hand-labour. And although the country about *Jerusalem* is very rocky, rough, stony, and ill managed, yet notwithstanding they will not endeavour to mend and improve it, but find out the fruitful lands that are here and there, and over-run the country like grasshoppers, so that you may observe it yearly to decay more and more. Seeing then that there is but little tillage about the city, therefore the product of the earth there is but very small, so that they must have almost all necessaries brought them from other places.

The town of *Jerusalem* which is still pretty large; but very ill built, hath within it's wall, which the *Turkish* Emperor caused to be built about twenty years ago, large places that lie desolated, and are so full of stones and rocks, that one can hardly walk in them. The gardens (even those that are within the city, and are but ill managed) are surrounded with mud walls, not above four foot high, so that one may climb over them without any difficulty. These are washed down again by rain in a very little time, so that they want mending continually.

Their habitations are also little and low, have clay walls, and many of them are decayed, some lie quite in a heap. The churches of the two Apostles, that of St *John* and St *Peter*, are in the same condition, as also the prison where St *Peter* was kept, the habitation of *Veronica*, which the Cordeliers shew us for them, and a great many places more. In some streets chiefly near to their *Batzar*, or exchange, are very old vaults, part whereof are decayed and broken, part filled up with dust, which runs out into the streets; wherefore (chiefly in the summer) the dust lieth so thick in them, that you may see every step in it, as in snow or sand.

All which sheweth, that the *Turks* destroy or ruin more than they build; wherefore they are deservedly called *Turks*, that is to say, *destroyers*. The present town, as to the extent of it's walls, is not much less than

than the old one was, wherefore one shold admire, considering how it is built now, how it was possible it shoud hold so many people as it is said were in it at the time of it's desolation, viz. a million of men; or as *Josephus* and *Eusebius* say, three millions. *Jerusalem* was formerly surrounded with very steep cliffs, deep ditches and vallies, chiefly on three sides towards the south, east and west, so that one could not easily get up to it but only on the north side, where the town was low, lying in a plain; therefore did *Titus* first attack it in a place near the village called *Scopas*, seven miles distant from it, and afterward advanced and took it; which the holy Prophet *Jeremiah* did foretel many years before, in the first chapter and twelfth verse, saying, *Out of the north an evil shall break forth upon all the inhabitants of the land.*

These ditches and vallies are now quite filled up with the ruins of the broken walls and buildings, so that one may go into the town, as into an open village, without any hinderance or pain. But when the Grand Signior, after he had taken it, saw that the town was open, and that the Christian Pilgrims came thither in great numbers from all places and countries, he feared that they might make themselves masters of it again, as they had done some years agone, wherefore he ordered it to be surrounded again with new walls, which although they are very high, yet they are so thin and slight, that they are not able to withstand the least violence. But as the town was anciently built four square, so it is now built more round, chiefly towards mount *Calvaria*, which formerly was without the town, but now is walled in; so that you may still see two corners, one whereof is towards *Galilee*, where the gate of that corner is which is still open, and almost one of the handsomest, through which you go to *Nazareth*, distant three days journey; as also to *Cæsarea Philippi*, which is now caffled *Balbec*, where still are to be seen some very fine antiquities; and also towards *Damascus*, which is six days journey distant from *Jerusalem*, and from thence six days journey more to *Aleppo*, the greatest town for trade in all *Syria*. *Jeremiah*

niab maketh mention of this gate in his 31st chapter and the 38th verse. *Behold the days come saith the Lord, that the city shall be built to the Lord, from the town of Hananeel unto the gate of the corner.* And also *Zacharias*, in his 14th chapter, and in the 2d book of *Chronicles*, the 26th chapter, and 9th verse: It is said *Uzz'a* built towers in *Jerusalem* at the corner gate, and at the valley gate, &c. The second corner mount *Zion* maketh, where it doth end toward the south, whereon, as also on the mount *Moria*, the city is rising towards the north. The old city had twelve gates, as you read in the *Revelation*. The 1st, the *Fish-gate*, which was also called the gate of *Hebron*, because the road of *Hebron* went through it, which is about seven or eight hours walking distant from it. 2. The *Old-Gate*. 3. The *Prison Gate*, whereof *Nebemiah* maketh mention in his 12th chapter, through which our Saviour Christ carried his cross. 4. *Rayn-Gate*. 5. The Gate of *Ephraim*, before which St *Stephen* was stoned to death, as you may read in the 2d book of the *Ecclesiastical History* in the 1st chapter. 6. The Gate of *Benjamin*, where the holy Prophet *Jeremiah* was taken and imprisoned, as he saith himself in the 37th chapter. 7. *Corner-Gate*. 8. *Horse-Gate*. 9. *Valley-Gate*, thro' which they went into the valley of *Josaphat*. 10. *Dung-Gate*, through which the water carried out all the soil into the valley of *Josaphat*; and about this river is still to this day a great stink. 11. *Sheep-Gate*. 12. *Fountain-Gate*, which is now walled up. The Prophet *Nehemiah* maketh mention of them in his 3d, 8th, and 12th chapter, so that it is not needful to say any more. These gates are so mightily decayed, that there is not to be seen the least of the old buildings. The *Turks* have instead of them, built others in the new raised wall, but yet not half so many in number, whereof some (according as the town is enlarged in some places, and contracted in others) are displaced; others are erected again in the same places, according to the old streets, viz. 1. The *Fish-Gate*, which is still standing towards the west behind mount *Sion*, and over-against mount

mount *Gihon*, as you may conclude out of the words of the 2d book of *Chronicles* in the 33d chapter and 14th verse. *Manasses* built a wall without the city of *David*, on the west side of *Gihon*, in the valley, even to the entring in at the *Fish-Gate*. This gate hath it's name, because they brought many fishes from the sea side through this gate into the city. So is also still standing, on the outside of the valley *Tiropeaon* (which distinguished the two mounts, *Sion*, and the temple mount called *Moriah*) the gate of the fountain, which hath it's name because it leadeth towards the fountain of *Siloah*, which *Nehemiah* in his 2d chnpter, verse 14. calleth the *King's Pool*. Through this was our dear Lord *Christ*, the true promised *Siloah*, brought a prisoner bound from the mount of *Olives* over the brook *Kidron*, into the house of *Hannas* and *Caiphas* in the upper town, as we read in the 12th chapter, verse 37, that by the *Fountain-Gate* they went up to the city of *David*. The same way also the two disciples, *Peter* and *John*, were sent to bespeak the paſchal lamb by *Christ*, where they met the man with the pitcher of water.

The *Sheep*, or *Beaſt-Gate*, is also still standing by *Moriah*, the mountain of the temple, which the *Turks* have taken to themselves, and have built on it a *Turkish* moſque, or temple, because that God Almighty hath done many and great miracles on this mount ; and beſides *Mahomet* did find himself again on this mount, after he had been carried up (as his lying writings tell us) through the heavens before God by the angel *Gabriel*. Wherefore they take this mount to be holy, so that none that is not circumcized and ſo unclean, dare approach or come near it, nor take the neareſt way without over the height of the mount as *Nehemiah* did, as you may ſee in the before quoted place ; ſo that the Christians muſt take a farther way about, and from the gate *Siloah*, go below through the valley of the brook *Cedron*, between this and the mount of *Olives* to the *Beaſt-Gat<sub>s</sub>*, which hath it's name because the beaſts that were to be offerr'd in the temple were driven through it.

Near the gate you see still the sheep pond, which is large and deep, yet hath but little water in it, wherein the *Nathineens* used to wash the beasts, and then to give them to the priests. And also immediately within towards the north, a conduit, which was the pool by St John the Evangelist (in the 2d verse of his 5th chapter) called *Bathesda*, erected by King *Ezachia*; *that had fife porches, wherein lay a great multitude of impotent folk, that waited for the moving of the water.* Through this gate is the straight way over the brook *Cedron*, by the mount of *Olives* toward *Bethania*, down to *Jericho* on the river *Jordan*, into the valley of *Josaphat*, wherefore this also, being nearer now in these days, is called the *Valley-Gate*.

There is also still the *Corner-Gate* in it's old place, where the north and east walls meet on large and high rocks, and is called still by some the gate of *Napthali*.

This I thought convenient to say of the city of *Jerusalem* in the general of it's buildings, fruitfulness, and adjacent countries; what famous and holy places are within and without the city, thereof I intend to treat in particular.



## C H A P. IV.

*Of Mount Sion, and it's Holy Places.*

MOUNT Sion, very famous in holy Scripture, hath round about it steep sides, high rocks, deep ditches and vallies, so that it is not easy to climb up to it, only on one side towards the north, where it buts upon the lower town, so that the castle and town of David situated on it, was very strong, and almost invincible, as you may read in the 48th Psalm, verse 2. *The joy of the whole earth is mount Sion, on the sides of the north, the city of the great King. God is known in her places for a refuge, for the Kings were assembled, &c.* Seeing then that the castle, and the upper town Millo was so well fortified with towers and walls, that it was not easily to be taken, the Jebusites, after that Canaan the whole Land of Promise, together with the town of Jerusalem was taken, did defend themselves in it against the whole force of Israel for a long time, although they often attempted to take it, and called the town of Jerusalem after their name Jebus, until the kingly Prophet David came, who took it by force; and after he had rebuilt the upper town, and joined the castle with it into one building, and surrounded it with walls, he called it after his own name, The city of David, and kept his court there, and gave also lodgings to his hero's and officers, wherof Uriah was one, who had his lodgings near to the King's palace, wherein the King walking on the roof of his house, saw the fair Bathsheba his wife, and committed adultery with her.

These their habitations, as they are still built in these days, have instead of thatch or tiles, plastered roofs, so that one may walk on them, as you may see here, that King David walked on it. And also in the second chapter of the book of Joshua, where is said, That when the two spies sent into the Land of Pro-

mise to *Jericho*, came into *Rabab's* house, and the King sent to search after them, they went at her request up to the roof of the house, where she hid them with the stalks of flax, which she had laid in order upon the roof. But seeing there is nothing so strong in this world that is not transitory, therefore is also this worldly mount *Zion*, together with it's strong building and fortification (which was rather a type of the true rock in *Zion*, *Christ* our Lord, and his heavenly kingdom and holy church that was built thereon) so ruined and desolated, that the greatest and highest part thereof before the town, except a *Turkish* mosque, some tile houses and a few acres of it, lieth quite a desert, covered with rocks and stones. So it is come to pass, what *Micah* in his third chapter and the twelfth verse predicted: 'Therefore shall *Zion* for your sake be plowed as a field, and *Jerusalem* shall become heaps, and the mountain of the house, as the high places of the forest.' And *Jeremiah* in his *Lamentations*, chap. 5. verse 18. saith, 'The mountain of *Zion* which is desolate, the foxes walk upon it.' And *Isaiah* in his thirty-second chapter, verse 14. 'The palaces shall be forsaken, the multitude of the city shall be left, the forts and towns shall be dens for ever, a joy of wild asses, a pasture of flocks.'

The great castle of the *Turks* is situated at the top of the inward part of the mount, towards the west side near the *Fish-Gate*, which is also newly built, and very well surrounded with walls and ditches; under the gate are several great guns to frighten the Christians that come thither in great flocks, chiefly against great feasts from all nations, *Armenians*, *Georgians*, *Abyssins*, *Latinists*, &c. for they fear that else the town might be taken from them again.

Within the fort near the *Fish-Gate*, is still a strong high tower, built up with great free-stone, which is quite black through age; wherefore some say, that it did anciently belong to the fort, and was built by one of the Kings of *Juda*.

So much I thought convenient to mention of mount Zim, concerning other famous places that are to be seen upon and about it, I will only mention the chiefest thereof.

First, As you go out of the *New-Gate* of mount Zion, there is a long street wherein on the left hand is an ancient church, of the holy Apostle James the Greater, brother of John, which Helena the mother of Constantine the Emperor, as also many more did build on the market place of the upper city where he was beheaded. The *Armenians* that have possession thereof, did conduct us into it, shewed us the building, and the place where the holy Apostle was beheaded with the sword (as you read in the *Acts of the Apostles*, the twelfth chapter) by order of Herod Agrippa, to whom he was delivered out of spite, as a seditious person, by the High Priest Abiathar.

Then we came to the place of the habitation of *Hannas*, whereto Christ our Lord was first of all brought a prisoner and bound, or fetter'd, wherein was nothing observable, only a large court, and in it an old chapel, called the *Angels*, which we soon left, and went out of the gate of mount Zion to the habitation of *Caiaphas*, where we saw an orange tree planted in the place where the holy apostle Peter did warm himself when he denied our Saviour the third time; farther within a chapel, called St *Salvators*, where, in former ages was the place of the High Priest, where Christ was severely accused by *Caiaphas*, and by his servants mocked, spit upon, and beaten; wherein is an altar, whereon the great stone of the grave still lieth, that stopped the door of the sepulchre, which is very like unto the rock of the grave in it's breaking. That the habitation of the High Priest was in the upper city, *Josephus* does testify in the seventeenth chapter of his second book of the *Desolation of Jerusalem*, where he saith thus: ' When the rebellious Jews, that had the lower town in possession with the temple, did undertake to possess themselves also of the upper town, they did assault it with all might and power, and at last take it; then they drove out the soldiers, which had the chief priests and men

' in power with them, out of the upper town, set the habitation of *Ananias the High Priest* on fire and burnt it.'

Before this, on the top of the mount, stands on the plain a large church, which the *Franciscan* monks had not long ago in possession, and lived in it, wherefore their father did call himself a *Guardian* of the holy mount *Zion*. But after that the *Turks* did about twenty years ago possess themselves of it, and kept it to themselves, and made a *Mahometan* mosque of it; the monks were forced to fly, and take the habitation where they now live instead thereof.

Of this church or mosque, we saw only the outside of the habitation of *Caiaphas*, for no Christian is allowed to go into it. It was built many years agone by *Helena*, mother of *Constantine the Emperor*, as *Nicephorus* testifieth in the thirtieth chapter of his eighth book; wherein is also included the habitation the Disciples were lock'd up in for fear of the *Jews*; and also the paved dining room, or hall, wherein *Christ* with his Disciples did eat the Passover; where he also wafched their feet, and sent the Holy Ghost after his ascension to them; where also \* *James the Lesser* was elected Overfeet, and first Bishop of *Jerusalem*. In this temple, which is above a thousand paces distant from *Golgotha*, or the place of a skull, was, for some time kept the stone pillar, whereto *Christ* our Lord and Saviour was tied and whipped. Near unto this, in the place of the palace of *Caiaphas*, the same Queen *Helena* ordered a church to be built for the holy Apostle *Peter*, and many more, whereof mention is made at large in the above quoted place.

This mount extendeth itself towards the south, out before the city, and hath on the other side where it is highest, other higher ones about it, distinguished with ditches and vallies, viz. towards the west mount *Gibon*,

\* *James the Son of Alpheus*, one of the Apostles, was usually called *James the Less*; but it was not he that was elected first bishop of *Jerusalem*, but *James the Just*, who was called the Lord's brother, and was none of the Apostles.

hen, at the bottom whereof *Solomon* was anointed King by the Priest *Zadock* and the Prophet *Nathan*, as we read in the first chapter of the first book of *Kings*; upon this, at the top towards the road of *Bethlehem*, lieth the field of blood, in their language called *Hakeldemas*, that was bought for thirty silver pieces to bury the pilgrims there, where you see still to this day here and there large and deep holes, and one among the rest very big, wherein are still to be seen several whole bodies lying by one another.

A deep valley separates this mount from mount *Zion*, which beginneth at the *Fish-Gate*, and goeth down to the brook *Cedron*; in it is a conduit by the upper pool called *Azua* in the third chapter of *Nehemiah*, which is pretty large, yet without any water, which receiveth it's water from the high spring of *Gihon*, this was covered by King *Hezekias*, and laid down to the town of *David*, as we read in the second book of *Chronicles*, chap. 32. The holy Prophet *Isaiah*, chap. 7. verse 3. mentioneth it, when the Lord saith to him; ‘ Go forth now to meet *Abar*, thou and *Shearjashub* thy son, at the end of the conduit of the upper pool, in the path of the fullers field, &c.’ And in the fourth book of *Kings*, in the eighteenth chapter, verse seventeen: ‘ The King of *Affyria* sent a great host against *Jerusalem*, and when they were come up, they came and stood by the conduit of the upper pool, which is in the high way of the Fullers field.

Before mount *Zion*, towards the south, at the other side of the rivulet *Kidron*, lieth the mount of *Transgression*, in the fourth book of *Kings*, chap. 23. called *Masibith*; between this and mount *Olivet* is a valley, through which goeth down the road by *Bethania* to *Jericho*, &c. This is higher and steeper than any hereabout. There you see still some old walls of the habitation wherein the concubines of *Solomon* did live, after whom the King ran in his old age; and they did so possess him, that they turned his heart from God Almighty after their gods, and so he did that that did not please the Lord God, as you may read in the first book of *Kings*, chap. 11. verse 4.

Underneath the mount was the valley *Benbinnom*, wherein the Kings of *Jerusalem* did build a temple to the idol *Moloch*, and did worship him, *viz.* *Solomon*, *Abaz*, *Manasseb*, &c. whereof we read in several places in the holy Scripture, *Levit.* 18. 21. ‘Thou shalt not let any of thy seed pass through the fire to *Moloch*.’ And also *Jerem.* 7. 30. ‘And they have set their abominations in the house which is called by my name to pollute it. And they have built the high places of *Tophet*, which is in the valley of the son of *Hinnom*, to burn their sons and their daughters in the fire, which I commanded them not, neither came it into my heart, therefore behold, the days come faith the Lord, that it shall no more be called *Tophet*, nor the valley of the son of *Hinnom*, but the valley of slaughter; for they shall bury in *Tophet* till there be no place.’ And also *2 Chron.* 18. 2. ‘*Abaz* made molten images for *Baalim*, and burnt incense in the valley of the son of *Hinnom*, and burnt his children in the fire after the abominations of the heathen.’ The holy Prophet *Amos* doth also make mention of these abominable idolatries in his fifth chapter; which St *Luke* in the seventh chapter, verse the forty third, of the *Acts* doth thus explain: ‘Ye took up the tabernacle of *Moloch*, and the star of your god *Rempban*, &c.’ which the holy Prophet calleth *Sicchuth* and *Chiun*: But the heathen called them *Jupiter* and *Saturn*, the Devourer of children, and so he is also painted. This statue was hollow within, of cast brass, whereinto they did put the children, and burnt them alive, and did believe they served God in it, as *Abraham* when he would sacrifice his son *Isaac*; they had also kettle drums and other musical instruments which they played on, that the parents might not hear their children cry; wherefore *Christ* gave unto hell itself, and its perpetual flames, the name of the valley *Benbinnom*, calling it *Gebenna*; to give us warning and exhortation, that we hate false and abominable idolatries, introduced contrary to his command, worse than the devil himself.

Besides this, there is little else seen hereabout, only above on the steepest and highest part of the mount many little tents and habitations, as if they hung at

it, which in these times are not inhabited either by *Turks* or *Moors*; in the valley you see the rivulet *Kidron*, where over they brought our Lord Christ bound as a prisoner, from mount *Olivet*; this proceedeth only from rain water near to the place *Gethsemane*, and runs without by the town from south to west. Beside this brook did King *Aſa* burn the images of *Priapus* as *Jofias* and *Hezekiah* the idols of *Baal*, all incenses and uncleannesses that are found in the temple of the Lord.

Farther towards the east you see from the top of mount *Zion* the fountain and pool of *Siloah* below in the valley, call'd by *Josephus Tiropæan*, which divideth this and the temple mount, and becometh to be very narrow between them, and extendeth itself from the rivulet *Kidron* towards the north to the place of skulls, where it groweth so large again, that the lower town of *Jerusalem*, (by *Isaiah* in his tenth, and *Zachariah* in his ninth chapter, call'd *The Daughter of Zion and Jerusalem*) was situated therein. Out of which near to the gate of the fountain of *Siloah*, which is now wall'd up, the way goeth up to the gate of *Zion* into the upper town, thro' which two our Lord Christ was brought a prisoner to the houses of *Hannah* and *Caiphas*.

This valley hath been fince the desolation so fill'd up, that no depth at all appeareth in our days; but only without the fountain-gate by the fountain *Siloah*, that is very rich of water, where is still the pool wherein the blind man wash'd his eyes, that were anointed with clay and spittle, St *John* ix. 6. according to the command of our Lord, and did see.

Just by it are still the two hills whereof *Josephus* maketh mention, with a very steep cliff, very rocky on both sides, one whereof towards the east, call'd the rock of the pigeons, hath a great cave, out of which the fountain springs, and runs off immediately below through a channel, that goeth so strait and smooth through the rock, as if it had been made on purpose.

Near to the fountain and gate of *Siloah*, stood the tower of *Siloah*, that killed eighteen men, as we read in St *Luke*, chap. xiii.

Without between the fountain and stream of *Kidron*, they shew a great mulberry-tree, fenced in below; this stands in the place where the holy Prophet *Isaias* was buried, whom the King *Manasse* ordered to be cut in pieces with a wooden saw, as being an Heretick.

This may suffice of mount *Zion*, it's situation and some adjacent places.

As we went about, and came to one of the places, the Monks did shew the Pilgrims in each of them, the number of the years for the pardons laid there by his Holiness, as in some seven years and seven indulgences; but in some others, as in the place where the Holy Ghost was sent, where Christ did eat the Passover with his disciples, and wash'd their feet, and where he at several times appeared when the doors were shut; and where also, as *Nicephorus* saith, the Virgin Mary, after the resurrection of Christ her dear child, did dwell for fourteen yeats, &c. full absolution and indulgences from all sins and faults for ever.

Now that all those that come there, may receive it more worthily, the monks exhort them to kneel down before every of such places, and to pray the Lord's Prayer and Ave Maria with devotion; and that when they have done so, they need not to doubt, but that they have fully received the absolution that was given for that place by his Holiness. After they had thus pray'd in several places, some of our company rejoiced mightily, and confessed, that after it they were holy, and so innocent, that if they shoud die then, they were secure, that their soul should go immediately out of their mouth into heaven, and eternal life. To this I answer'd them: That I expected remission of sin no other ways but only in the name and for the merits, of our Lord Jesus Christ; and that I had not undertaken this pilgrimage as they did, to get any thing by it as by a good work; nor to visit stone and wood to obtain indulgence; or with opinion to come here nearer to Christ; because all these things are directly contrary to Scripture. As the Lord himself saith: 'Time will come that you shall neither on this mount nor at Jerusalem worship the Father.' And he also

also forewarneth us of those that say : ‘ Lo Christ is here, Christ is there, he is in the desarts, he is in the chamber ; ’ that we should not believe them, nor go out, but rather confide on his promise, that he will be with us, to the end of the world ; and where two or three are met together in his name that he will be in the middle of them. Wherefore our dear Lord Christ hath no need, because he is himself present with them that believe in him, of any Vicegerent, that should on earth usurp such power, and take such honour and glory to himself, as to give indulgence at his pleasure ; because all these things belong only to God. When I saw, that they did not much mind this my discourse, I let them alone in their opinions, but yet I saw here and there all these places, and considered by myself what our Lord Christ had, by his bitter sufferings and death, by his glorious resurrection and ascension, procured us from his Heavenly Father. When the Pilgrims came to one of the above-mention'd places of mount Zion, and had said their prayers, they went into it, and contemplated it, fell down again before it, and kissed it with great submission and devotion ; pull'd out several pieces, viz. beads and rosaries, turned of the wood of the trees of the mount of Olives, some wrought points, laces, &c. tied together in bundles, to touch the holy place with it ; they also knock'd off in some places (where they might) some small pieces, to take them along with them as consecrated sanctuaries, to distribute them among their friends at their return.

All the while that they were thus busy, I consider'd rather standing behind, what our Lord and Saviour Jesus Christ had suffered for us in these places, how he had humbled himself, and came down to us miserable sinners, to help us, and to extol us that were fall'n, and to make us free of the heavy burthen of our sins ; how he was led before the seat of judicature of Caiaphas, that we might not be led before the severe Judgment-seat of the Almighty God ; that he suffer'd himself to be led captive and bound, to deliver us from the bands of the devil and death, and to save us from the jaws of hell ; and as Esaias saith in his fifty third chapter vers. 5. ‘ He was wounded for our transgressions, he was bruised for

‘ for our iniquities, the chastisement of our peace was  
 ‘ upon him, and with his stripes we are heal’d.’ But  
 that our dear Lord Christ was delivered to the high  
 Priest, and Scribes, &c. for our sakes, and that he was  
 obedient to his Heavenly Father, unto death, even the  
 death of the cross, to deliver us from the curse of  
 God and eternal death. And to make us certain, that  
 he had procured these his unspeakable benefits and hea-  
 venly treasures for us, and that we really should be par-  
 takers thereof ; before his passion he did institute his  
 holy Supper upon the mount, in the large upper room,  
 wherein he doth not only communicate them to us, but  
 giveth us also (if we receive the holy broken bread, and  
 the blessed cup with true faith according to the insti-  
 tution) his real body and blood, to feed us to eternal  
 life ; where we then shall sit with our Lord Christ,  
 and all the elected ones (after this life) as coheirs in  
 the high upper room of his Heavenly Father, at his  
 table, to eat and drink it with him anew. And that we  
 might heartily comfort ourselves with these his unspeak-  
 able benefits, he also, after his ascension, sent us on  
 the day of Pentecost his Holy Ghost, the Spirit of  
 Truth, to incline our hearts, to believe steadfastly all  
 that he hath promised us in his holy Word and Sacra-  
 ments. So the sending of the Holy Ghost, which was  
 long before predicted by the holy Prophets was fulfill’d  
 on this mount ; whereof we read in several places of the  
 holy Scripture, viz. *Joel* ii. 28. ‘ And it shall come to  
 ‘ pass afterwards that I will pour out my spirit upon all  
 ‘ flesh, &c. For on mount Zion and in Jerusalem, must  
 ‘ be a deliverance according to the promise of the Lord.’  
 And *Isaiah* ii. 3. ‘ Come ye and let us go up to the moun-  
 ‘ tain of the Lord, &c. For out of Zion shall go forth  
 ‘ the law, and the word of the Lord from Jerusalem.’  
 So that the preaching of Christ’s holy Gospel, and his  
 kingdom did begin from Zion and Jerusalem, and was  
 afterwards spread abroad by his holy Apostles throughout  
 the whole world.

‘ Grant then, O our dear Lord Christ, unto us, thy  
 ‘ Holy Ghost; that he may keep us in the knowledge of  
 ‘ thy holy Word, and that he may so strengthen and  
 ‘ comfort us in it, that we may freely and without

any

' any fear confess it before the face of our enemies and  
' adversaries ; and if they offend and prosecute us, that we  
' may overcome our crosses and persecutions with patience ;  
' that thy honour may be advanced, and our constancy ap-  
' pear. Grant us also that he may plant these thy graces  
' in our hearts, that we may comfort ourselves with the  
' hope and expectation of those treasures which thou hast  
' by thy death and passion merited and purchased for us.  
' So that we may abide in thy Tabernacle, and dwell in  
' thy holy Hill for ever, *Amen.*' *Psalms xv. 1.*

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## C H A P. V.

*Of the mount Moria and the glorious temple of Solomon.*

WITHIN the city near to mount Zion lieth another call'd *Moria*, divided from it by the valley of *Tiropœon*, which is now fill'd up and made even with the top, as I have said before, that hereabouts is hardly any depth or unevenness to be seen. This as well as the other meets with the rivulet or brook of *Kidron* towards the north, and on both of them the town lieth on the sides or descent. This is very famous in the holy Scripture, as you read *Genesis xxii.* That the pious Patriarch *Abraham* was ready to offer his son *Isaac* on this hill, for a burnt-offering to the Lord ; whereon *Melchisedec* the first founder and King of the town *Salem*, and Priest of the Almighty God, did first build a temple, and therefore named the city *Jerusalem*. So we read in the second book of *Chronicles*, chap. iii. That on the same holy mount King *Solomon* did begin to build a house for the Lord, at *Jerusalem*, many years afterwards. This was formerly very high, surrounded with deep ditches and cliffs, so that it would make a man giddy to look down from the top into the depth. Wherefore *Pompey* and *Titus* took a great deal of pains before they could get upon it, to take and destroy that glorious and well-built temple, which was in the last desolation, as well as before in the first burnt by *Nabuchodonosor*, demolish'd and razed to the foundations, as Christ foretold them, *Mark xiii.* ' That there should

' should not be left one stone upon another that should  
' not be thrown down, because they did not acknow-  
' ledge the gracious time of their visitation.'

And that all hopes might be taken away from the Jews to return and to build the temple again, to re-establish their worship ; *Hadrian* the Emperor to prevent all, order'd, in the year of Christ 134, all to be broken down that was left, and to root it up, to demolish all heights, to fill all ditches, to level cliffs, and to make the ground even all over ; he did also alter the name and religion of the inhabitants, and instead thereof introduced the heathenish idolatry. In the place of the grave of Christ he built a temple for the idol *Jupiter* ; on mount *Calvaria* another for the idol *Venus* ; and another at *Bethlehem* to the idol *Adonis* ; and at last in the place where formerly in the temple of *Solomon* did stand the *Sanctum Sanctorum*, he erected his own image on a high column for his memory, which was still standing, in *Hieronymus*'s time. The height of this mount cannot be observed any where else now than without by the fountain *Siloah*, and in the valley of *Bethnimm*, and so it did remain desolate to the times of the great Emperor *Constantine*.

After that when the Jews undertook to re-build the temple at the charge of *Julian* the Apostate, who would make Christ a liar, the Lord having said that their house should be left unbuilt, a great earthquake (when they had open'd the ground to lay the foundation) did move and shake the whole place to that degree, that every thing was turn'd upside down, and abundance of Jews did perish in it. But when the Jews did not matten this, but endeavour'd to go on with the work in hand, the next day flames of fire broke out of the ground, and fiery beams struck down from Heaven, which destroy'd more than the earthquake, and burnt all their tools, *viz.* saws, axes, shovels, hammers, &c. When the Jews would not leave their error for all this, the night following some small glittering crosses like stars fell down upon their cloaths, which they could not wash off the next morning, nor get out by any means ; and an earthquake and such a violent hurricane came upon it, that it dissipat'd all their mortar and other materials in-

to the air, so that frightened and full of fear, they were forced to confess, that Christ, whom their ancestors crucified, was the true and only Lord and God.

Seeing that the temple, together with the mount it stood upon, are razed and desolated, so that one can hardly now discern what they have been anciently; every one that goeth by, because the Lord did not favour his own house, where his name was sanctify'd, hath reason to be astonish'd at it, and to call to mind the strange anger of God against those that leave the Lord their God, and adhere to other gods, serve and adore them.

Now a-days the *Turks* have taken possession of this mount, and all the ground whereon *Solomon's* temple did stand, and have built a *Mahometan* Mosque on it; which *Homer*, the third after the great Imposter *Mahomet* built when he had taken the holly land and the city of *Jerusalem*. This is not very large nor high, but fine and cover'd with lead, hath a great court-yard about it, paved with white marble, and here and there orange and date-trees are planted in it, which is very pleasant; about the sides thereof are some high towers and gates, one whereof is vastly bigger than any of the rest, which is near to their *Batzar* or exchange, which is very old, high, and hath very good workmanship in it, wherefore the *Franciscan* Monks shew it instead of the gate of *Solomon's* temple, before which lay the man that was lame from his mother's womb, that begg'd alms from *Peter* and *John*, to whom *Peter* said: ‘Silver and gold I have none, but such as I have give I thee: In the name of Jesus Christ of *Nazareth*, rise up and walk.’

At the end of the gate of this yard, as commonly in all their church-porches, hung some lamps. I could have willingly gone in before them, to see the rock and fountain, whereof *Ezek.* in his forty seventh chapter maketh mention, together with the inward building, but because according to their *Mahometan* laws, all those that are not circumcised are accounted to be unclean, therefore going into their churches is forbid to Christians: if any one is catch'd within, he is in danger of his life, or else he must deny his faith, and be made a *Mamaluck* or *Renegado*.

In this court-yard is still another gate, call'd the Golden Gate by the *Franciscans*, but because it stands just over-

against the mount of Olives, therefore it is to be taken to be the gate *Sur*, or rather, as *Nebemiah* iii. *Ezak*, xlvi. and 2 *Chron.* xxxi. say, for the gate of the stairs, which *Sennia*, the son of *Sabamia*, the keeper of them did build ; thro' which our Lord Christ did go into the temple on Palm-day, to drive out the buyers and sellers. Now altho' this is wall'd up in the new town wall, so that you cannot go either out or in ; yet considering it's ancient arches, it looketh rather like a church than a town-gate.

In the middle of the yard stands a *Turkish* Mosque or temple, call'd the Rock ; this is esteem'd very much by the *Turks*, and next to those of *Mecca* and *Medina* reputed to be the most holy. Because God Almighty hath wrought many great miracles there ; and that there *Mahomet*, as they falsly write of him in their books, call'd by God to be the last and greatest Prophet, did ride from *Mecca* to that of the holy Rock of the temple of *Jerusalem*, which is forty days journey, on a very swift beast call'd *Elmparæ*, conducted thither by the Angel *Gabriel*, who at his arrival did help him off of his beast, ty'd it up, and then led him by the hand into the temple, where he found many Prophets standing together in a circle, which God had resuscitated for his honour, and to receive him, and to acquaint him with new good tidings, and what God had prepared for him, (I suppose ever burning flames of fire) : Among the rest he did also find *Abraham*, *Moses*, and *Jesus* the son of *Mary*, each of them presenting him, first *Moses* with a fatt of wine, *Abraham* with a fatt full of milk, and *Jesus* with a fatt of water. Then a voice spake to him from heaven saying ' If thou chusest the fatt with wine, thou and thy people shall perish ; if thou chusest the fatt with milk, thou shalt also perish ; but if thou chusest the fatt of water, thou and thy people shall be saved eternally.'

These and many more infipid lies of their *Mahomet*, which are very ridiculous and silly fables, are believed to be as true as the Gospel by the *Turks*, *Moor*s, and *Arabians*, &c. They also certainly believe (chiefly those that live at *Jerusalem* as the Pilgrims know) that on the last day their *Mahomet* is to come and seat himself on the rock of the temple of *Meria*, and Christ on the other side of the valley of *Josaphat* on the mount of Olives, over-against him.

him. Then when all the people of the earth shall appear before the Lord of Judicature, he shall ask *Mahomet*, who the rest are (meaning the Christians that have been under the yoak of the *Turkish Emperor*) then shall *Mahomet* answer and say, *They are these that served me faithfully*; whereupon Christ shall let them pass into Paradise and eternal felicity; which they believe to consist in gratifying fleshly lusts and desires, in eating and drinking, fine cloaths, costly jewels, gold, silver, pearls, pleasant spring gardens, beautiful and cleanly women. Therefore the temple is so highly esteem'd by the *Turks* and others of the same faith, and believed to be so holy, that they go into it on their bare feet with great devotion, and come twice a year thither in pilgrimage in great Caravans from all places, moved thereunto by the great zeal they have towards their *Mahomet*; but chiefly these Pilgrims that have been at *Madina-Talnabi*, and *Mecca*, that is three days journey farther, who return by the way of *Jerusalem* (which is now by them call'd *Chutz*) to say also their prayers there, and are of opinion that if they should do otherwise, than to come thither, their peregrination would not be acceptable to God! Amongst these are a good many Renegado Christians, that go with them to *Mecca*, to get by their devotion into greater preferment and wealth, wherefore they are esteem'd by them as holy and creditable ones, although they are full of knavery and roguery, as those that come from *Mahomet's* own blood; they keep them very honourably, and pray for them as their victors, and endue them with great and peculiar privileges, so that their single witness is as valuable as three, four, six, or ten of others, according as they have been oftner in these places. And that every body may know them, they put upon their turbants on their heads, their *Mahomet's* green colours, as those of their priests do, who esteem themselves to be his relations, who are only permitted, (as the *Persians* wear their red colour) to wear such turbants. Wherefore the *Turks* believe it to be a sin to cover those members, which nature hath made secret, with that colour which their Prophet did bear on his head. When the before-mention'd Renegado Christians are come to this degree, they are bought by every body for money, to bear witness before

the Cady, or any other *Turkish* magistrate, and that even in causes whereof they have not the least knowledge. So it happens daily, that those that give larger bribes to the magistrate, and do exceed their adversaries in number of witnesses, make their lost and foul cause good ; and of this they make no conscience, because their *Koran* teacheth them, that God does not impute to them perjury, but only if they do not invoke him ; so that it is full satisfaction, if they feed ten poor ones for this transgression, or if they cloath them, or if they redeem one prisoner ; but if they are not substantial enough to do this, they fast three times. This is of a very ill consequence, because they are not afraid to be perjur'd and to cheat others. And although these and other the like sins, are very common amongst the *Turks*, viz. robbing, and to break their faith, &c. which are directly against God, yet for all that these (because they have lost all remembrance of confession, penitence or mending of their lives) exceed them in this by far. Besides all this they do not let the Christians know who or what they are, but rather study to their utmost power, to abuse and hurt them as often as they find an opportunity, nay they would not spare their very lives, if they dare do it for fear of the *Turkish* magistrates. In this they are very like unto the *Abyssins*, who in former ages were subject unto the *Soldans* of *Egypt*, and did live on the south side of mount *Libanus*, who, as defenders and protectors of their own religion, were set out before other *Saracens*, to murder and kill clandestinely all those that did oppose their *Mahometan* laws and religion. But after the *Turkish* Emperor did beat the *Soldan*, and took his dominions from him, the fury of these assassins was also soon quelled ; for the great *Turk* doth not allow, in any of his provinces, of murthers, as the *Saracenes* did, but punish'd them severely, and keepeth very strict laws that no body may hurt the other ; which you may conclude by this, that if one doth but fetch blood from the other in the least, he is not only mulcted in one or two ducats, but sometimes in forty, fifty, nay sometimes in a hundred, according to the heinousness of the crime, and the ability of the offender ; and so he keepeth his subjects in peace and quietness.

Besides

Besides these Pilgrims that go to *Mecca*, there are many others in their great Caravans, that rather, like unto pedlers, endeavour to get thither with small charges, by the help of their *Caravatschares*, or Inns, and Hospitals, to make good profit there, by buying and selling, than out of devotion to wait on their *Mahomet*, and amongst them there are also sometimes Christians, but at their arrival they must not visit the holy places, much less touch them. Wherefore they buy before hand all sorts of merchandizes, chiefly at *Cayro* (from whence to *Jerusalem* it is ten days journey) to sell or swap them at *Mecca*, and other places. Which custom we need not think to be strange among the *Turks*, seeing that a great many are found among the *Roman* Pilgrims, that pretend to be good Christians, that go pilgrimages to *Rome*, *St Jacob*, *Jerusalem*, &c. not only to get his Holiness's absolution and indulgences, but rather to make good profit of goods they buy for that purpose ; or which is more, they pass over their estates during their absence, into the hands of others, to reap the benefit thereof with this condition, that if they return home from these places where they vow'd to go to, they shall have them restor'd again with great profit. Now as among all these Pilgrims, chiefly those that have been oftnest at *Mecca* are by the *Turks* in greatest esteem, and that green colour (which only belongeth to the Priests to wear) is the sooner allow'd them, whereby they may be known, as the brothers of *St Jacob* are known by the scallop-shells. The same it is also with their camels, for on the lower part of one of their fore-feet you may see as many small chains hung as they have been times there in Caravans, so that you also may soon discern them.

And that I may return to my purpose again ; near to the *Turkif* Mosque of the holy Rock, is also another church, which by the Christians, when they were in possession of *Jerusalem*, was call'd the *Virgin Mary's* church, which is very well built, rather bigger than the *Turkif*, and stands without towards the south on the place of the great porch of the *Israelites*, which is several times mention'd in the Scriptures : *Viz.* *Job.* x. *Matth.* xxi. where it is calleth the temple and porch,

of *Solomon*, where Christ did preach; and drove out the buyers and sellers, &c. Underneath it is a great cave, so wide that some hundred horses may with ease be drawn up in battalia therein. This is also in the possession of the *Turks*, and the Christians dare no more come in here than in the other. By this prohibition viz. That the *Mahometans* shall admit into their churches or porches thereof no strangers which according to their laws are not cleansed and washed, you may easily see, that the *Turks* have taken many ceremonies and laws from the Jews, and according to their depraved understanding and mind, transcribed them into their *Koran*; so we see that anciently they have their circumcision, offerings, washings, fasts at certain times of the year, marrying more than one wife, not eating any thing that is unclean, or pork, or what is suffocated, not having bells, nor drinking wine, as the *Levitical Priests* must not do, derived from the Jews; but this last law concerning not drinking of wine, is not only not kept, for they drink thereof without mixture, let it be as strong as it can, more than any other nation. It being then true that they choose the fatt with wine presented them by *Moses*, as is before said, to their own ruin and destruction, wherefore I pray that God may fulfil their prophecy, Amen.



## C H A P. VI.

Of the Saracens and Turkish religion, ceremonies, and hypoeritical life, with a short bint how long time their reign shall last after Mahomet's decease.

SEEING I have here above made mention, amongst the rest of the places and churches of *Jerusalem*, of the *Turkish* Mosques, and also of *Mahomet* their Prophet; I cannot but also relate something of their hypocritical and superstitious life and belief, as I have observed in my travels, and during my stay among them, chiefly something of their outward ceremonies, good works, wherewith they think to fulfil the laws, to cleanse themselves from their manifold sins and transgressions, and to obtain God's mercy and love. Wherefore they strive that they may be found always busy in these good works, whereof they reckon the chiefeſt to be; alms, pilgrimage, fastings, to make dfferings, to abstain from certain food or drinks, frequent washing, praying, upon which two last they look most of all, as the true means, by which, if they keep them diligently, they may be freed and absolved from their sins, according to the promises of their dear Prophet *Mahomet*. Such and the like have also the Jews had in the Old Testament, where without doubt their Prophet, being by his mother an *Ibmaelite*, had them also. But seeing that he also attributeth to these abſolution and satisfaction for our sins, and also conſequently salvation and everlasting life; therefore all those that follow and believe his doctrine, miss the only Mediator and Saviour Jesus Christ, of whom as well as of his holy word, they else have a good opinion, as appeareth by their *Koran*, in whom God the Almighty Father will only be known, invoked and adored. As St John faith Chap. v. 23. "He that honoureth not the Son, honoureth

' not the Father that hath sent him.' And chap. xiv. 9. where Jesus saith, ' He that hath seen me hath seen the Father.' And in *Aet's* iv. 12. it is said, ' There is no Salvation in any other, for there is no other name under Heaven given among men, whereby we must be saved.' Wherefore although *Mahomet* doth greatly command and teach, that we must adore the only God, yet they do not know the true God, that will only be adored and honour'd in his beloved Son ; and besides *Mahomet* will not allow that God hath a Son, and much less that Christ is the true God, in whom we shall believe. For in his diabolical and blasphemous mind and thoughts he hath this precaution, that if God should have a Son he might come to be disobedient unto him, as happeneth sometimes chiefly amongst them, to worldly Princes, which would expose all creatures in heaven, as well as on earth unto great danger. So he denieth the Deity of Christ and esteemeth him to be no more (as *Arius* doth) than a great Saint and meer Man. So he bath the same opinion with *Macedonius*, of the Holy Ghost, whom and Christ he sometimes maketh but one person. And so the *Turks* know no more, by the instruction of their cursed Prophet, of the true living God (that is one in his essence and three in person) than when they adored the fire, water and other elements, nay heaven and earth, (as also the *Perians* have done) before they come over to the *Saracens*, and adhered to the doctrine of their *Mahomet*. And besides they have no more comfort in our Lord Christ, than the Jews, because they do not believe that Jesus the Son of the *Virgin Mary*, and messenger of God, was crucify'd, dead and bury'd, but that another, that was very like him, suffer'd instead of him, because he was seated in Heaven (where into God received him, and that he was to return again at the end of the world) a great deal higher than that he could be so shamefully kill'd by the Jews that impious people ; wherefore the *Turks* admire it very much, that so many Pilgrims of all nations, come to see the grave of Christ with so great a devotion, which is not his. And although the *Turks* prefer their *Mahomet* before Christ, and also do not believe right neither of his essence nor of his person, so that therefore all their worship, with what devotion  
soever

soever performed, is null and in vain, because it is not in Christ : Yet for all that they praise and esteem Christ very high, and extol him far beyond any man, as one that was conceived by the Holy Ghost, born of the Virgin *Mary*, and that hath here on earth carried on his doctrine, and confirm'd it with powerful miracles. Wherefore they esteem the books of *Moses*, and the other writings of the Prophets, but chiefly the four Evangelists, which they call the book *Jugilis* (and the books of *Moses Thresit*) as true and godly. And sometimes they pretend so fairly, that an ordinary Man that is not well instructed in the chief articles of Christianity, although there is so great a difference, might easily be seduced, and perswaded. Besides the *Turks* will not allow, neither to *Jews*, *Moors*, nor *Christians*, nay not to their own Nation, to say any thing ill of Christ, nor to curse him, but if any body should presume to do it, the soles of their feet are struck very severly with many blows, and he is fined besides according to his ability. So their Prophet *Mahomet* commends the holy Scripture very much, and faith, that it containeth truth and happiness.

If they would but often look into it (as their *Koran* teacheth them in several places) to read in it, and mend their lives according to it, they might easily be brought to the right way again ; but he himself doth not stand by his words, but falleth off again from them afterwards, and speaketh quite otherways of the holy Scripture, and that so differing, that he quite contradicts himself. For as he did commend it before, so now he discommendeth it again, when he saith, that it hath been (because it is too difficult to be kept) long since quite out of doors, chiefly in those parts where is written, that we must do good to our enemies ; leave all for his sake ; love God with all our heart, &c. and our neighbour as our own self. And that therefore he, *Mahomet*, was peculiarly and purposely chosen by God Almighty, to bring down with him the *Koran*, and communicate it to the world (that was then drown'd in lusts, sin and vices), to reform and bring it to rights again. Besides this, he knew very well how to disguise his tricks, and how to behave himself in his life and con-

conversation, devoutly and discreetly towards the people, and how to blind them under this pretence, that they did believe him, and receive him the sooner to be a great Prophet and Messenger from God. When he found that he had got a good party, and a great many adherents that impowered him, he studied daily more and more to order his laws so, that they might be acceptable and pleasing to all the world. And thus he got in a great many places such a fame, that, to our grief in these times, he hath seduced and possessed a great part of the world with his erroneous and poisonous doctrine, the *Turks* closely adhering to this doctrine, therefore their hearts are so blinded with darkness, that they cannot have any true knowledge, either of God the Father, or the Son, or the Holy Ghost, and so they miss of the right way that would bring them to the knowledge, and acknowledgment of their sins, and consequently to the remission thereof, and so make them children of God, and heirs of life everlasting. But on the contrary, they remain impenitent, and persist in their sinful life with such a confidence and security, that they know not when they commit sins; as to take a man's property and goods away by force; to destroy his house and lands; to undermine his life and livelihood; and also, to contaminate themselves with uncleanness, whoredom, sodomy; not to keep an oath that hath been taken, to revenge themselves, from whence results, envy, hatred, anger, contention, murder, &c. as we hear, what injustice and violence the Grand Signior committed daily upon our brethren and sisters, that border upon his dominions; which we need not to wonder at, because, if they fall out amongst themselves, they try all unjust means to revenge themselves. Wherefore they accuse their adversaries often falsely (because they dare not offer any violence) before their Judges, and so bring them to damage, trouble and pains. But when they have committed one of these, or the like facts, and have a mind to free themselves of it, or to be absolved, they go after their own invented devotion, to good works, alms, prayers, fasting, redeeming of captives, &c. to make satisfaction to God for their committed sins, as their *Koran* teacheth them. And so they lead a life of good out-

outward conversation, and are very diligent in their devotion, chiefly in going to their prayers at the five customary hours of the day, when they leave their work and go to church. And seeing that in these countries they have neither clocks nor watches to tell them the time of the day and prayers, instead of them they have their priests (called *Meitzen* by them) on the steeples, which are ordered to cry out the hours with a loud voice, that you may hear them as far almost as the ringing of a bell, even throughout the whole town. The first hour of prayers is an hour and half before day-light : The second is about noon : The third (which the *Arabians* call *Laterra*) is about three o'Clock in the afternoon : The fourth is at sun-set ; and the fifth when after the sun is down, the twilight, or whitishness of the skies is gone, and the stars appear clearly. Sometimes two of these priests sing together, which is common in great towns, and they sing almost as with us they sing a ballad, so that while the one is singing, the other may fetch his breath ; and so they sing by turns, until the song is at an end. When I came first into these countries, and hear'd them sing about that time in the morning, I believed the *Turks* did it that they might brace themselves up to go to work, until I heard them do the same at other hours in the day time, and understood they were their priests. So they sing about five o'clock at night very well, and sometimes something longer, because of the sick, that live near, which desire it of them, to make them cheerful, and to have a good heart, which we need not to wonder at, for their clergy (which are not wiser, or more learned than the laymen) know not how to comfort them, or to make them joyful, much less how to give good and wholesome instruction out of the word of God (although they believe it to be true) how to obtain forgiveness of sin, and God's mercy, love, or commiseration, but think it to be sufficient; if they admonish them that lie a dying to think of God, and to pray to him that he may have mercy upon them ; and afterwards to wash their body to cleanse them quite from all sins, according to the law of their *Mahomet*, which they highly esteem, and that the rather, because they serve not only the living,

but

but also the dead ; wherefore the *Turks* wash themselves daily, chiefly at the hours of their prayer, when they are a going to church, and that very carefully and diligently, *viz.* Their hands, privy members, head, neck, feet, nay the whole body, according as they are contaminated or become unclean. So in consideration of their sins, they have three sorts of washing ; whereof one is that of the whole body, which those must make use of that are not married, and contaminate themselves with concubines ; wherefore the baths are kept continually in an equal heat, and are open to any body both by day and night, that those that have occasion to wash their whole body, may not be hindered in their devotion, but soon go to church again. The second is performed on the organs of the five senses, and the head, to cleanse them from all spots and blemishes, which are contracted by ill thought and frivolous and unseemly discourses ; wherefore there are several cisterns here and there, but chiefly in their churches and chapels, where they wash themselves first, that being clean, they may be worthy to come to church to prayers, for if they should omit it, they believe that their prayers would not be acceptable to God, and so he would not hear them. So they begin first with washing of their hands, then they lift up the water with the hollow of their hands, and so let it run down to their elbow ; then they wash their mouth, nose, eyes, ears, head, neck, and at last their feet, and speak some peculiar words with it. When they have no water, which often happeneth in large desarts in *Arabia*, they are allowed by their laws instead thereof, to rub these members over with sand. But that they may not be hindered by their cloaths from coming to these members, they wear such ones that have wide sleeves, no gatherings about their neck, nor have any strings about their drawers. The third sort is also esteemed to be very necessary, and is made use of as often as they empty their body by stool or urine, or belching, and so they wash themselves squatting down before the cisterns, publickly without shame, both before and behind, in the sight of every body. According to what hath been said, we see that they mind only the outward cleansing of

of their body, and so they look also upon the outward circumcision, rather than to think how they ought, according to God's commands, to cleanse themselves from their inward leprosy, by the bath of regeneration, and to circumcise their hearts by an inward spiritual circumcision, whereof they know nothing. When their clergymen have cried out the hours from the steeples to the *Batzars*, or Exchanges, &c. and the *Turks* have washed and cleansed themselves, they go into their chapels, which are in the middle of their great Camps, or *Carvatschars*, where I could see it best, because I durst not go into their mosques. After they have left their shoes at the gate, they do not turn nor look back for one another to speak, but go strait forwards, until they come to their places where they stand still, and look upon their priest that is before them, and mind him when he beginneth the prayers, that they may say it after him, and imitate his ceremonies or means, whereof he maketh use, as the lifting up his hands, stroking over his forehead, bending his whole body forwards, falling down upon his knees, kissing the earth; and at length when the *Leila billalla* beginneth, turning their heads from one side to the other, whereby they give a hint, that they are in peace and good will with God and their neighbours. While they are in their holy places, you shall hear none of them sneeze, cough, hawk or spit, for they are of opinion, that if they should do so, God would not hear their prayers so effectually, because they should not be perfectly clean. They have no set form of their prayers, and pray generally for good fortune and other worldly welfare; for victory for their Emperor; that God may send great divisions amongst us Christians, that so they may have a better opportunity to fall upon us, and to beat us. They suffer no images in their temples or chapels, and are only for adoring the true and only God, Creator of heaven and earth; and so instead of them, they have pictures of fine plants or flowers, viz. of roses, &c. and writings of their Prophet *Mahomet*; and so you find on their gold and silver coins no pictures or images of their Emperors, as upon ours, but only the names of them, or of the towns where they are stamped, in *Arabian* letters,

ters, (which are common to both nations) together with the date of the year, which they begin from the time when *Mahomet* fled into the desarts, which for that reason they call the year of *Hegira*, where he got a great number of adherents, and was made by them a King; this was done in the year of *Christ* 622. After they have ended their prayers, they begin to talk to one another, and so every one of them goeth home to work again; and they are allowed on their feast days (which they keep on *Friday*, as we do on *Sunday*, and the *Jews* on *Saturday*) to open their shops again after prayers, and to go work, because they say that idleness may the easier draw them into sins. So one may easily know by their shops, according as they are opened or shut up on these three days, whether they belong to Christians, *Turks*, or *Jews*; besides, none of these forceth one to observe the others holydays, and so they live peaceably and quietly together. Before the *Turks* holiday beginneth, they light on *Thursday* night before, as soon as it beginneth to be dark, upon their high steeples, many lamps, whereof they hang without on the galleries round about, three rows one above the other, so that as you look upon them in the night, they look like unto a threefold garland; they let them burn so long until they go out of themselves one after the other. The same lamps they also light every night during their *Lent*, which beginneth in their month *Romadan*, so called by the *Arabians*, and doth last all that month long. Their year consisteth of twelve months, which they account by the moon-lights; so that their months do not agree with ours, (for theirs have not, one with the other, above twenty-nine or thirty days) and consequently their years want between ten or eleven days of ours, so that their *Lent* falleth at an uncertain time, sometimes in the spring, and sometimes in the summer, &c. so in my time it began in *December*, and ended in *January*. During all this time they are very devout, and strive to be at the prayers and duties; for if any body should die in *Lent* time, that had used not to frequent them, they would look upon him as a lost and damned man, and doubt whether they should bury him or no. During their *Lent*, they eat nothing before night; when the stars

feasts appear, then every one goeth home to eat, or else in the great *Batzars* to a cook's shop, to buy victuals, where all night long is so great a throng of poor people, that have nothing to eat at home, that they lift one another almost up; there you see one eating, another drinking, another crying out, others quarrelling, which causeth such a crowd and noise, as is enough to make one deaf and giddy. When *Lent* is at an end, then they begin their *Easter* feast (which they call *Ulubaira*) which they keep with great solemnity for three days, salute one another very kindly, and wish one the other all health and happiness, as we do on new year's day: They also seek all sorts of pastime, chiefly the Janizaries, which in great places erect gibbets three fathoms high, to the top wherof they tie strong ropes, almost like as the children do in our country, where they swing others for a small recompence; when any body sits in it, two stand ready with a broad string, one on each side, which they fling before him, and fling him backwards with it, and so set him a swinging. Others run before the people that are walking, and sprinkle them with sweet smelling water, to get a little spell of money out of them, chiefly the Christians, which they will not easily leave before they have satisfied them; wherefore they are necessitated to stay at home on these days. Not long after, they keep another peculiar feast, called *Chairbairam* where they also use all sorts of gesticulations, which were too long to relate here; they do not fast on those days, but they sacrifice young steers and wethers, &c. cut them into small pieces, to distribute them among the people, for the honour of *Abraham*, because he did obey God, and would have sacrificed his son *Isaac* to him: At this abundance of heathens congregate themselves in certain places before the towns, to go in pilgrimage to *Medina-Tarabi*, *Mecca*, and *Jerusalem*, for love to *Mahomet*. Amongst them many are found, that are recovered again from dangerous distempers, or delivered from great dangers, and then did make a vow, either to go' on pilgrimage to one of these places, or else to kill such a number of beasts to distribute among the poor as an alms.

According to what I have said before, that they compute their months more by the moon-light, and so account twelve of them to a year ; they observe mightily the change of the moon, chiefly the new moon, to see it again. Wherefore at that time they go often in great numbers out, unto the next hill, to observe it the better, after sun-set. He that seeth it first sheweth it with great rejoicing to his companions. In their prognostications they also mind the moon's light, and according to that, they make their account, to know then if any thing shall happen. They have also (as some of them have told me) a peculiar book, which they keep very close to themselves, wherein is briefly written, what shall happen to them every year, whether it be good or bad : This beginneth in the same year with their Prophet *Mahomet*, and continueth for 1000 years, when this is at an end they have nothing more of that nature worth any thing.

And being they go no farther, some will deduce or conclude from thence, that their reign will soon have an end, when those years are passed. Wherefore they fear the Christians very much, and confess themselves, that they expect to suffer a great blow from [the Christians] : And this one may see or conclude from hence, for on their holidays in the morning about nine of the clock, they shut up the gates of the towns, great champs, and other publick habitations, as I found at *Aleppo*, so that many times I could not get either out or in until they opened them again, for they fear at that time to be assassinated by the Christians.

Being then that their term of years is near expired, for when I lived in these places in the year 1575, they writ 982 of this same term, so that there was not quite 18 years more to come. Now if we compare these 1000 years with those whereof *John* the Evangelist and Apostle, maketh mention in his *Revelations*, chap. xx. 7, saying, ‘ When the thousand years are expired ‘ *Satan* shall be loosed out of prison. And shall go out ‘ to deceive the nations which are in the four quarters ‘ of the earth, *Gog* and *Magog* to gather them together ‘ to battle, (as also is written in this same book of *Revelations* in chap. ix. and by the holy Prophet *Ezekiel*,

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in chap. xxxviii. xxxix. ‘The number of whom is as the sand of the sea, &c.’ We find not only that they may also be interpreted and applied to the *Turks* and their adherents, but also that they have begun their reign almost at the same time when *Mahomet* and the *Antichrist* should appear, about the year 666 as we read in the 13th chapter and the last verse of St *John* in his *Revelation*. And besides, it looketh in these miserable times (when it seems as if every thing would turn topsy turvy) that these years are passed, and that Satan is loosed, as if our dear Lord God would make an end of this malicious world. Add, that some learned Mathematicians do prognosticate that at these times, but chiefly in the year 1588. great alterations will be in all the parts of the world. When we add to this date the 42 months, or 1260 days, or three years and a half, whereof the Prophet *Daniel*, and also the holy Evangelist and Apostle *John* in his *Revelation* makes mention, the 18 years that are still wanting of the 1000 years of their *Mahomet* (as is above said) will be compleated, so that these two years numbers do very well again agree together.

God the Almighty preserve us in all adversities, that we may preserue in the acknowledged truth of his Holy Gospel, and send us penitent hearts, that we may be sensible of his merciful visitations, and also overcome the two last woes that are not quite over, with patience. Amen.



## C H A P. VII.

Of Mount Bethzetha, and the two Houses of Pilate  
and Herod.

FROM the temple mount towards the north, you come presently towards the house of judicature, where *Pontius Pilate* did live, and condemn innocent Lord *Christ*, to that heinous death of the cross. But because the house hath been since surrounded with high walls, we saw in the court (where the soldiers did clothe our Lord *Christ* with the purple cloth, and put upon his head the crown of thorns, and afterwards did spit upon him, and mock, beat and whip him) nothing remarkable, but only without a very old and high arch, like unto an arched bridge. This is almost black with age, and so artificially erected, that one can hardly find any juncture, where the stones are put together. This was the High Place, as it is said, before the Judgment-Hall, wheron the condemned men use to be exposed to the sight of the people, because the Jews durst not go into the House of Judicature at their high feasts, as *Easter* and *Whitfunsday* (as you may read in St *John*, chap. xviii.) that they might not make themselves unclean, but eat of the Paschal Lamb: Wherefore *Pilate* did several times go out to the people to shew them our Lord *Christ*, and sit down in the Judgment seat, in a place that is called the Pavement, but in the Hebrew *Gabbatha*, as you read in St *John*, chap. xix. ver. 13. This arch is open at the top in the middle, and hath two other small arches about the wideness of an ordinary door one by the other supported by a marble column, in one of them stood *Christ* with his crown of thorns on, and *Pontius Pilate* in the other, when he said to the people, *Behold the man.*

Hard by at the other side of the arch, on the right hand, on an ascent, they shew the habitation of King *Herod*, which is still very fine, and gloriously built of marble. Wherefore, although it is not the same, which hath been burnt long agone by the *Jews*, and afterwards rooted out by the *Romans*, yet it is built in the same place, where the King's palace did stand, on the height of mount *Bethzetha*, as *Josephus* testifieth, from the north over against the temple, and the fort *Antonia*, where our dear Lord *Christ* was mocked and abused by *Herod* and his servants, and had a white garment put upon him, and so was sent back again to *Pilate*. In these habitations, chiefly those of *Pilate*, are still to this day, *Turkish* magistrates, Sangiacks, Cadis, and Soubashaws dwelling, that keep courts of judicature there; and therefore nobody is admitted to come in before he hath gratified the master and servants. These magistrates are very severe, and punish their subjects for no great matter, either in their body or purse, or with a certain number of stripes, which they give with straps of rough neats leather upon the soles of their feet, fewer or more, in proportion to their committed crimes more or less; which sort of punishment is very common to all eastern countries. This sort of punishment is very ancient, and mention thereof is made in *Deuteronomy* chap. xxv. ver. 2. ‘And it shall be, if the wicked man be worthy to be beaten, that the judge shall cause him to lie down, and to be beaten before his face, according to his fault by a certain number, forty stripes he may give him and not exceed; least if he should exceed, and beat him above these with many stripes, then thy brother should seem vile unto thee.’ So the holy Apostle St *Paul* hath received them several times, whereof he maketh mention in *H. Corinthians* chap. xi. ver. 23. where he saith, ‘I am in labours more abundant, in stripes above measure, in prisons more frequent, in deaths often. Of the *Jews* five times received I forty stripes save one.’

When we came back from these habitations, we saw some more remarkable places, which are usually shewn unto pilgrims, some whereof are mentioned in Scripture,

ture, *viz.* the iron gate, through which the angel of the Lord did conduct St Peter out of prison : The habitation of Mary the mother of St John, were the holy Apostle Peter did knock at the door : The temple of St John the Evangelist, whereof the Knights of the order of St John call themselves, and several others, which are for the most part fallen down, and lie in ruins. But because in these times, it is uncertain in what condition they were then, I also omit to say any more of them. After we had seen these two places with their habitations ; we returned back again at night, according to the appointment of the father Guardian, to go with us into the temple of mount Calvaria.

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### C H A P. VIII.

#### *Of the Mount Calvaria, and the Holy Grave of our Lord and Saviour Jesus Christ.*

**O**N the 27th of September in the year 1575 after dinner, the father Guardian did send to the other Lords of the temple, to let us into the temple of mount Calvaria, which the Turks keep always locked up. But we and some other friars in their own habit, went with their father Guardian to the temple of the mount, which first of all the pious Queen Hellen, mother of the great Emperor Constantine (after she had destroyed the temple of Venus that was built upon the place of the grave) did build, as she did also build several churches in several places, *viz.* That at Bethlehem, where Christ was born: That of the holy Apostle James the Great, in the place of the upper town where he was beheaded: And another on the mount of Olives, where Christ did ascend into heaven: As also another at Bethania, where Christ did raise Lazarus his dear friend from the dead, and in many other places, at Nazareth, and on the mount Thabor, &c. But when afterward the city of Jerusalem was many times besieged, and at length taken

taken from the Christians, by the unbelieving *Saracens*, *Heguen* that malicious King of *Egypt*, did in the year of Christ 1011, demolish these churches, and so they remained until after his decease his son *Daber* came to the government, who afterwards in the year 37. did give leave to *Constantine* the Emperor of *Constantinople* (when he renewed with him their old correspondency) to rebuild it again at his own cost and charges. In these our times, when it remaineth in the possession of the *Turks*, free egress and regress is quite denied to the Christian Pilgrims that come to see the holy places: For when they saw that many Christians came yearly thither from all places, *viz.* From *Armenia*, *Ethiopia*, *Syria*, *Egypt*, *Greece*, *Italy*, nay from all places of *Europe*, they have put a certain sum of money (according as they are near, or farther off, under his dominions or not) to be paid by them, to be admitted. For some pay two or three seckins or ducats, others four and five; but we that are outlandish, as *Italians*, *Frenchmen*, and *Germans* (as well knowing we do not spare for money) must pay nine seckins a piece, and that without any remission, must be paid in weighty *Turkish* or *Venetian* ducats: And they keep the temple locked up close, until every one of them has paid their due: By these means the Grand Signior hath acquired himself a considerable yearly revenue, which amounts to several thousand ducats yearly. But yet it is now-a-days nothing near to what it hath been formerly, when all was under Popish darkness, and the Pilgrims used to flock thither in great numbers. For since in our time, by the Grace of God, the holy Gospel hath been brought to light again, and began to be preached, (which sheweth us a far nearer and better way to find Christ, and to have true and full pardon and remission of our sins) so that daily more come to the knowledge of the truth, and return to the Lord, his revenues decrease as much as the number of the Pilgrims that used to resort thither.

When we came pretty near to the temple, and expected to have seen mount *Calvaria*, the *Franciscans* told us, that this mount, together with the holy grave, and the garden (wherein Christ did first appear unto

*Mary Magdalen*) were intirely taken into the temple, so that no heigh at all was to be seen without.

Just when we came into the court of the temple there appeared an old heathenish prison, wherein are prisoners kept to this day, near which did stand the *Prison-gate* (whereof we saw still some part of the wall up in the wall of the church) through which Christ did carry his cross to the place of sculls, which in former days was without the town, as you may clearly see in *St Mark*, chap. xvii. 20. where he writes: 'And they led him out to crucify him.' And in *Hebrews*, chap. xiii. 12. where it is plainly writ, that 'Christ suffered without the gate.' But when afterwards the Emperor *Adrian* did rebuild and enlarge the desolated town, he did also surround with a wall the place where our Lord Jesus Christ did suffer, which was without towards the north-west, beyond the mount *Moria*, so that now it is situated almost in the middle of the city of *Jerusalem*, and because of this inlargement he call'd the town after his fir-name *Helia*.

We staying a great while at the gate, before they did open it unto us, several Oriental Christians, to wit, *Greeks*, *Jacobites*, *Armenians*, &c. came to us to visit their Priests, and to perform their devotion in it, so that about three-score went in with us.

The building of the temple is very large, of strong walls, and so thick, that it taketh away the Light within: it is richly covered with grey marble within and without, and supported by some marble pillars about a fathom and a half thick, so strongly, that one may conclude from thence, that neither labour nor costs were spared in it's building. Yet the *Turks*, (notwithstanding the holy places and the costliness of the building) have in some places spoiled and demolished some part of the walls thereof, so that now they are no more like to the old ones that were before, and besides (as the Guardian told us) half of it is hardly remaining. Yet it is still very large, and so well closed up again, that one can hardly perceive the loss thereof.

As we went through, we passed by the grave of Christ, in a glorious large chapel, called our *Ladies*, which the *Franciscans* have in possession, and is hung with

with tapestry very well wrought. Within it is a great altar, on each side whereof is to be seen a nick, artificially made of white marble, the windows whereof are very well guarded with iron bars: In that towards the left hand is kept a piece of the column whereon Christ was whip'd; it is of a reddish colour, three spans long, and four over. In the other on the right there is a small crucifix, in the middle whereof is in-laid a small piece of the true cross of Christ.

From thence we went farther into the vestry; which hath several large rooms, where we staid until the *Franciscans* had put on their usual habits to go their rounds with us, and to shew us the holy places with the usual ceremonies. When they had made themselves ready we came out again into the church, and left the chancel of the *Græcians*, that is in the middle, and the holy grave upon our right hand, and went to the left to another chapel, whereby the *Græcians* have an altar without, by which, in the marble floor, are two holes to be seen, wherein they pretend that Christ was detained prisoner until they had fixed the cross for him on the place of the sculls. This chapel is within very deep, and so dark, that when you go into it you believe that you go into a cave, where the *Romanists* believe (as I understood by a *French man* of their convent, who was in a Priest's habit, and as we went about, standing before the altar, did tell us, what they had done to Christ our Lord, in every place) that they did detain Christ (as in a place where-into they threw their dust) to mock him, until his cross was got ready for him.

Just by the chapel behind the chancel they shew on a high arch another place, where the soldiers did share Christ's cloaths amongst them, and cast lots for his coat.

Somewhat farther about they shew a pair of stairs of twenty pine steps, which we descended, and came into a great chapel of Queen *Helen*, situated underneath mount *Calvaria*, wherein is still towards the right hand of the altar, a glorious and beautiful high seat of marble whereon the Queen used to sit, when she had a mind to oyerlook the workmen, to see whether they went on

right; for she loved building mightily, as appeareth still to this day by the number of her mighty buildings. Behind this seat are eleven steps, which go farther down mount *Calvaria*, where the cistern hath been, wherein Queen *Helen* found the cross of Christ.

Underneath on the altar, 'tis true, there stands one, but it is new, and therefore to be supposed, to be put there of late years. At the bottom of the stairs do also appear very plainly the crack'd rocks, as it is mentioned in Scripture: *And the rocks rent.* And these rents or cracks are a foot wide, and so deep as to reach from the top to the bottom of the rocky mount of *Calvaria*.

When we came up into the church again, they shewed us at the bottom of mount *Calvaria*; a chapel that was locked up, and in it underneath the altar a large blackish stone with some reddish spots upon it, in the shape of a piece of a pillar, which was brought thither from *Pilate's* house of Judicature, whereon our Lord did sit, when the soldiers did put the crown of thorns on his holy head, and did salute him as a King with their knees bended, and did also mock him, spit in his face, and whip him. This crown was twisted out of thorns, called by the *Arabians*, *Nausegi* and *Athausegi*; and by the *Græcians* and *Latanists*, which have kept the same name, *Rhamus*, whereof there are three sorts, the first of which is the true one (which is also common in *France* and *Italy*) which doth not only grow without, but also within the town of *Jerusalem* plentifully; this puts out early in the spring, into long, thin and pliable twigs, with a great many long and strong prickles. Just by it cometh out above from the chancel of the *Græcians*, a path up to mount *Calvaria*, which they forced from the *Georgians*, as they did before from the *Armenians*, by giving money to the *Turks*; which is very common in these countries; for if one hath any busines to be done by the *Turks*, it cannot be easier obtained, than if you bribe them more than your adversary, wherefore it happeneth very often that such places are taken away from one nation, and given to the other.

Underneath this way or gallery you ascend nineteen steps to go up to the mount *Calvaria*, where we saw two

two chapels one behind the other, which were open, and had a very delicate floor, artificially inlaid with flowers of several colours, the like whereof is hardly to be seen any where else.

At the top of the stairs we left our shoes, and went in, and attended the Priest, who did also there, as he had done in other places before, give us a short account of what had been done to our Lord Jesus Christ in these places, *viz.* that in the hindmost chapel his hands and feet had been extended, and sharp nails drove through them, and so with a great deal of indignation he was fixed to the cross. And that in the foremost our Lord Christ did hang on the cross between the two malefactors, where there was still to be seen the hole wherein the cross of our Lord did stand. He also briefly repeated to us the seven words which he did say when he was upon the cross; and for a conclusion he told us, that his holiness the Pope had laid there indulgences for ever, for all sins and transgressions, to be distributed among the pilgrims.

When we had done we went farther into the chapel, and saw first a place two cubits high, which was also covered with fine ashen-coloured marble, watered with blue, in the middle whereof was a round hole about a span over, and was lined with tin, wherein did stand the cross of our Lord Christ, which is so closely tipped and lined, that the pilgrims can take neither much nor little of this, nor any other place, as the holy grave, or *Bethel* where Christ was born, &c. Wherefore notwithstanding the pretence of the *Franciscans*, that in their *Agnus Dei's* and crucifixes are little pieces of the fore-mentioned places, it is all false and nothing of truth in it, which they must confess themselves, it being all covered with marble. Near to this hole, both to the right and left, where the crosses of the two thieves did stand, in the room of them two others are erected, where hard by that on the left at the inside, is to be seen a long and large fissure in the rock of the mount, which the Queen left on purpose open in the marble pavement, so that you may very plainly see it, and it goeth down very deep, as I have told you before.

When

When we came down again from the mount, and come out behind the chancel towards the gate of the great church; there lieth in the pavement a fine and large marble, which is surrounded, or taken in, with iron bars in the same place, where *Joseph* and *Nicodemus*, the two disciples of Christ, did wrap up the body of Christ, after it was taken down, in linnen with spices.

From thence as we went farther towards the grave of our Lord Christ, we left below towards the left on the place of sculls, another chapel, wherein are the graves of some Christian Kings, viz. *Gottofredi*, and *Baldewin*, &c. which took the Land of Promise by force from the Infidels, and came towards the right by the chancel of the *Greeks* into a great round and high building of the holy grave, which butts upon the church, and is below towards it, it standing upon very strong double marble pillars, quite open: it is covered with lead, and hath at the top a great window, where the light falleth in, which is four fathom square, where underneath is the holy grave of our Lord Jesus Christ under the open sky, so that at all times, both rain, dew and snow fall upon it.

Before the passage into the Sepulchre is a small chapel, wherein is nothing of any moment to be seen, but a square stone, just before the door of the grave; this is of the true rock of the grave, about eight inches thick, whereon (as some say) the Angel of the Lord, that rolled back the stone from the door, did sit. This was also useful and did serve to keep the great grave-stone, that was before the door of the grave (which is hardly three foot high) steady, that it might not give backwards. That the door was but low, and that the stone did lean before it, you may sufficiently see out of the holy Evangelist St *Luke*, chap. xxiv. 12. when he saith: 'Then arose *Peter*, and ran unto the Sepulchre, and stooping down, &c.' And also in St *John*, chap. xx. 11. where you read: 'But *Mary* stood without at the Sepulchre weeping: and as she wept, she stooped down, and looked into the Sepulchre.' And also the holy Apostle and Evangelist St *John* came before *Peter* to the Sepulchre, and looked into it, and saw the linnen cloaths,

cloaths, but did not go in himself. And we read also of the door of the Sepulchre, and that the great stone before it used to be rolled. When you will go into the door you must stoop very much, and rather creep than go into it. The Sepulchre within is even with the floor of the chapel, and of the whole church, and is so large; that four persons may stand very easily by one another.

After the Priest had ended his speech which he made in the Sepulchre, of the Resurrection of Christ, which we heard without in the chapel, and had also proclaimed the Pope's indulgences for ever, we went in also, and looked upon the rock whereout the Sepulchre was cut, and found it underneath on the right hand (altho' it had been very much torn by the Infidels) still in very good order, so that we could discern it still distinctly, where now the monks have made an altar, and covered it with a large fair marble. Over it hung about twenty lamps, which made the Sepulchre (which else is very dark) very light ; one whereof belongeth to the Catholic King of Spain, another to the Christian King of France, and others to other Princes ; they look very carefully after them, because they bring them in a considerable revenue yearly. The holy Sepulchre is lined within and without with grey marble, and chiefly without some adorned with carved columns that stand between it.

On the outside of the door of the Sepulchre doth hang a fine golden piece, wherein our Lord Christ is very artificially wrought, as he did appear after his Resurrection unto *Mary Magdalen* first, and afterwards also to the women : At the top of the Sepulchre is also a small round steeple, which is covered with lead, and upheld with six double marble columns : Besides this there is at the back of the Sepulchre another plain chapel, wherein the Jacobites, as I was informed, perform their Devotion.

More at the left hand, as we went out of the Sepulchre again, near to it in the pavement, are two large circles, rarely inlaid of *Mosaic* work, in the middle whereof are two round stones of marble, one whereof is white, and the other red, lying in the same place of the garden, where *Mary Magdalen* turned about, and took

took our Lord Jesus Christ to be the Gardener. Thus much I thought convenient to relate of these places that are shewn in the circuit,

When I found myself to be in those places where our dear Lord Christ did walk about, teach, and by his passion, death, resurrection and ascension work our redemption, and procure and purchase our salvation, from his heavenly father again, I did remember and rejoice at these incomparable benefits, and merciful treasures with all my heart ; for it cannot otherwise be, but that every true Christian, that is upon this mount of *Calvaria*, and thinks there of the cross of Christ, and in the Sepulchre of his glorious resurrection, must find great passions within his breast ; as you also read in the last chapter of St *Matthew*, vers. 8. of the women, where you find these words : ‘ And they departed quickly from the sepulchre, ‘ with fear and great joy.’ This I found also in my heart and mind, so that it was, as if I saw our Lord Jesus Christ the Son of the Almighty God, to humble himself, and to become obedient to his heavenly Father, even to death, nay, to the death of the cross, to bring us miserable sinful men to rights again, and to deliver us clearly from all debts and punishments, and so to procure us the only and true indulgences.

After we had seen mount *Calvaria*, the Sepulchre of Christ our Lord, and other places, we went into the vestiary again to eat our supper.

After supper they led us up into the gallery, which is in the round building over-against the holy Sepulchre, to stay there all night ; but some of the eastern Christians sung below in the church, others did grumble together, and play'd with their sweet-sounding cymbals, (which were made of pure metal about the bigness of a large walnut-shell) so pleasant tunes or musick, that I rather look'd on them, and minded their musick than slept.

The next morning my comrades, after they had been at confession, and received the Sacrament upon mount *Calvaria*, came to me into the church again, with an intention to go round once more. So we saw the holy places once more, and at last also the chapel, which we left the day before at the foot of the hill on our left hand belonging to the *Grecians*; they let us in very willingly,

because

because of our chaplain, who was also a Grecian, and shew'd us in it, at the farthest part where it was pretty dark, a large and deep crack of the rock ; afterwards also on each side some fine and high tombs of some Kings, viz. that of *Gottefrid de Boulion*, and others, which were for some time possessed of the Land of Promise ; these stand on delicate columns, cut out of curious grey marble, whereon are some epitaphs, which I thought to set down here underneath, together with a short relation when they did take the Land of Promise, and the famous city of *Jerusalem*, how long they were possessed of it, and how many Kings did succeed one another in it.

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*Plants observed by Monsieur Belon, to grow about some of the holly Places.*

*Near Jerusalem on the Mounts, Hills, and Valleys.*

*Adrachne seu Arbutus folio non serrato, Pinus, Aria, Ilex cocci-glandifera, Terebinthus, Lentiscus, several sorts of Cistus, Capparis Spinoso, Paliurus or Christ's Thorn, Fig-trees, Olives, Almonds, a sort of wild Peach, Jujubes or Zizyphus, Esculus or Dwarf-oak, Alaternus, white Mulberry for the Silk-worms, the inhabitants trading a little in Silk and Kermes, which they gather from a Holm-oak : Sesamum, Gossipium seu Xylon, Thymbra, Marum, Origanum Heracleoticum, Tragoriganum, Salvia, Stachys, Ruta Sylo. Trifolium Asphaltites ; a rare sort of Hyoscyamus on the walls of Jerusalem ; Azadarach Arbor in Palestina secundum D. Monconny.*

*Between Mount Sinai, Mount Oreb and Suez.*

*Oenoplia a sort of Zizyphus ; Arbor Lanigera or Cotton-tree ; Glans seu Nux Unguentaria, call'd Balanus Mirepsica, Alcanna a Species of Ligustrum, of great use and sale for dying and colouring ; Senna, Rose of Jericho, or Hiericho a sort of Thlaspi, Calocynthis, Ambrosia, or Oak of Cappadocia.*

Some

Some Plants mention'd by *Breynius*, and taken out of *Rauwolf's Hort. Sic.* or else found in those Countries where *Rauwolf* travell'd.

*Acacia similis Mesopotamica minutissimis foliis, siliquâ integrâ contortâ, crassiâ, & obtusa; sive siliqua Nabathæ nobis.*

*Azadirachta foliis ramosis majoribus Syriaca sive vulgaris flore cœruleo maj. Perlato falso Sycomorus Italorum. Bellon. Asterigir. Rhafis, & incolis Zenfelacht Rauwolf.*

*Horminum Syriacum, tomentosum, foliis Coronopi, sive profunde laciniatis Breyn. Horminum rarum foliis laciniatis Rauwolf. in Herbar. vivo.*

*Lepathum Rotundifolium montis Libani, semine maximo Breyn. Ribes Arabum Rauwolf.*

*Lycium Buxi foliis angustioribus Syriacum Breyn. Lycium Diocoridis Rauwolf. in Herbar. Hadbad Arabibus, & Zaroa incolis montis Libani, ejusdem. In Syria & Palestina observavit Rauwolfius.*

*Lycium Buxi foliis rotundioribus Syriacum vel Perficum Breyn. Hoc Lycium apud Rauwolfium cum priore confunditur.*

*Marrubium villosum Syriacum, sive montis Libani Breyn.*

*Melanthium Syriacum minus frutescens latifolium, Rute flore, fructu tricapsulari, Breyn. Ruta vocata Harmala J. B.*

*Melilotus minima Syriaca. Nephel sive Naphal, Ibenbaithar & Malasefæ.*

*Plantago angustifolia minor lanuginosa Syriaca & Cretica, pediculis & capitulis maturitate ad terram inflexis Breyn. Leontopodium Alpin. Exot. Leontopodium Creticum C. B.*

*Plantago angustifolia peniculis Lagopi C. B. Plantago quinquenervia cum globulis albis pilosis J. B. Catananche Diocoridis Rauwolf. in Herbario vivo.*

*Satureia frutescens Arabica folio fimbriato hirsuto Breyn. Sathar Arabum Rauwolf.*

*Tithymalus*

*Tithymalus (vel Tithymalo affinis) apbyllos dictus major latifolius, flore sanguineo aviculae capitulum repreſentante Breyne. An Planta lactaria Xebra & Cammarorum Rhapis Rauwolff.*

*Faces maxima Hierosolymitana Alpin. Exot.  
Merum Syriacum foliis incisis.*

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## C H A P. IX.

*Here follow some Epitaphs of the Christian Kings of Jerusalem, together with a short Relation of their reigns and mighty deeds.*

**I**N the year of our Lord Christ 1096, when *Henry the fourth* was Emperor of the west, and *Alexius the Grecian* Emperor at *Constantinople* in the east, *Pope Urban the second* call'd a council at *Clarendon* in *France*, where they consulted together which way the Land of Promise might be deliver'd again from the hands of the Infidels. Where it was concluded and agreed upon, to take the field in common, and for their general they chose *Gottfrid de Bouillon*, Count of *Boulogne* in *France*. Along with him went many Princes, Counts and Noblemen, *vix. Baldwin* and *Eustachius* his brethren, and many more, and brought together an army of six hundred thousand foot, and one hundred thousand horse; so they went in several parties through *Hungaria*, *Greece*, &c. till they had pass'd the *Hellefpong*, and came into *Asia the Less*, now call'd *Natalia*, and belonging to the *Turks*, where they joined again, and took some towns, to wit, *Nicaea*, *Tarsis*, and also *Antiachie* situated in *Cœlesyria*. Yet in these actions were a great many Christians slain by the way, others were taken prisoners, some were starved, a great many dy'd of sicknesses, that came by changing of the air in these hot countries; so that in three years time, for so long dured this march, there were hardly forty thousand men (as some write) left, of the afore-named sum that did arrive in the Land of Promise. These went

went with their master and general *Gottefrid de Boulion* before the city of *Jerusalem*, wherein were a great number of the infidels, to defend it ; yet they surrounded the city, and took it in a little time, and kill'd a great number of them. When they had taken the town on the fifteenth day of *July*, in the year 1099, and had reduced it, they laid down their armors and arms, and went to visit the holy Sepulchre with great devotion, and chose there unanimously their general King of *Jerusalem*, who at their request undertook the government, would not be call'd King, nor crown'd with a golden crown in that place, where our Saviour that Arch-King had worn one of thorns. After he had obtained this victory, he also subdued some adjacent towns, viz. *Joppe* call'd *Jaffa*, *Porphria* situated at the foot of mount *Carmel*, the *Arabians* and *Turks* call'd *Hayphe*, *Tiberias* and the confines of *Galilea*. He also overcame with a handful of his men, the Captain of the Sultan, who had a great number of men with him, and kill'd above thirty thousand of them. But as nothing is lasting in human affairs, he dy'd in the eleventh month of his reign, and was bury'd in the above-mention'd chapel, and upon his tomb-stone is still to be read this following epitaph.

*Hic jacet inclitus dux Gottefridus de Boulion, qui totam iustum terram acquisivit cultui Christiano : cuius anima regnet cum Christo. Amen.*

After his decease the Christians unanimously chose his brother *Baldewin* King of *Jerusalem* in his place ; he overcame with a small number of men the King of *Egypt*, that was twenty two thousand strong, and kill'd the greatest part of his men. And when he dy'd in the eighteenth year of his reign, they chose his cousin *Baldewin* of *Burgo*, the second of that name, King. This was a great warrior, and did many heroick deeds with few men against the Heathens ; he overcame and took prisoner *Gatzim* the *Turkish* Prince of the *Lesser Asia*, with a great number of men ; but soon after in the fifth year of his reign, he was beaten in a battle by the King of the *Parthians*, and carry'd away prisoner. In the mean time the *Venetians* and *Genoese* came with two hundred and

and seventy ships, and dispersed and beat the Armada of the Saracens, and sunk many of their ships, and took also the strong town of *Tyrus*, so that both by sea and land there was abundance of blood shed. When the enemies saw this, that they set the King at liberty again in the eighteenth month of his imprisonment, for a sum of money ; after that he did execute in the six following years of his reign, in order to an enlargement of his kingdom, many glorious and famous deeds. He overthrew the King of the *Ascalonites*, who was assisted by the *Egyptians*, and fell upon *Jerusalem* in one single battle, and also beat the King of *Damascus* in three several battles, as you may see by his epitaph here underneath written :

*Rex Baldewinus, Judas alter Machabæus,  
Spes patriæ, vigor ecclesiæ, virtus utriusque  
Qitem formidabant, cui dina, tributa cerebant  
Cedar, & Ægyptus, Dan, & homicida Damascus  
Prob. dolor, in modico clauditur hic tumulo.*

In the year 1131, the crown was presented to *Fulcon*, count of *Andegavia*, and son-in-law to the before-said *Baldewin*, who also obtain'd several victories against the *Persians* and *Turks*. But in his time there arose some differences among the Christians, and some conspiracies, which proved afterwards very disadvantageous to him ; he lost also *Edeffa*, a city in *Mesopotamia*, which King *Baldewin the first* had conquer'd before, which the *Turks* took by force from him. This King left two sons, *Baldewin* and *Alamric*, and after he had reigned eleven years, he fell dead when he hunted a hare on full speed. After him his Son *Baldewin the third* was crown'd, who also dy'd in the twenty fourth year of his reign, after he had fought several battles, and taken some towns. Then his brother *Alamric* came to the crown, who was a great warrior, so that he was very fit for this dignity, he obtain'd many victories against Sultan *Saladin*. But afterwards when the scales were turn'd, he dy'd also after his return from *Egypt* in the year 1178, his son *Baldewin the fourth*, and the seventh King, undertook the government of the Kingdom in the thirteenth year of his reign,

This, although he was leprous, yet he manag'd his business very well, and defended his dominions courageously and gloriously against the infidels. And because he would not be marry'd by reason of his distemper, therefore he marry'd his sister *Sibylla* to a Marquis of *Monteferrato*, call'd *William*. She was brought to bed in the first year of a son, and call'd him after his uncle *Baldewin*. But when *William* dy'd, he marry'd her again to *Guido* of *Lusignan*, Count of *Joppe*; with this condition, that after his decease he should rule the kingdom for his son-in-law, and be his guardian so long until he came at age. But he behaving himself very ill in the mean while, the King grew so angry with him, that he would by no means suffer him to live in his dominions, and order'd another to fill up his place, one *Raymond*, a Count of *Tripoli*. Soon after the King dy'd before his son was quite twenty years old, and was also bury'd in the temple of the holy Sepulchre. Within eight months after, did also die the true-heir of the crown, the son of *Sibylla* his sister, and was also bury'd by the other Kings; so that we find still on three several tomb-stones that stand close one behind the other, *viz.*

*Septimus in tumulo puer hic regnum tumulatus  
Est, Baldewinus regum de sanguine natus.  
Quem tulit è mundo fors primæ conditionis  
Ut Paradysiacæ loca possideat regionis.*

So by the incitation of his mother, *Guido* was proclaim'd the last King.

*Raymund* the Count of *Tripoli*, was extremely disgusted at this election, being that the Kingdom was already recommended to him, wherefore he resolved to go to war with him, and that he might be strong enough for him, he made a league with Sultan *Saladin*, to his own grief and ruin; for when the Sultan saw these differences between them two, he raised suddenly a great army, and took *Jerusalem*, and the whole country by force of arms. So the kingdom of *Jerusalem*, after the Christians had been possessed of it eighty eight years and nineteen days, was re-taken again by the infidels, not without great loss and damage.

Not

Not long after, the infidels did pull down the walls of the city, turn'd the churches into stables, saving the temple of *Solomon*, and spoiled the holy Sepulchre of our Lord Christ, which in all the other wars did still remain intire, so that only one side of the rock thereof is now to be seen. This was done by the infidels on purpose to shew us the foolish zeal we have to conquer and visit the holy grave and city, as if Christ were still in it. This and other places had been quite demolish'd also, had it not been for the eastern Christians, the *Armenians*, *Syrians*, &c. which did stop their fury, by giving of them a great sum of money, and so redeem'd it.

## C H A P. X.

*A common account of several sorts of Christians, but chiefly of them that are always to be found in the temple of mount Calvaria ; and also how these, and many other strangers, are treated by the Turkish Emperor (as by their chief head, to whom they generally are subjetted) and his officers.*

**I**N the temple of mount *Calvaria* live Christians of several nations ; as *Latins* or *Italians*, *Abyssins*, *Græcians*, *Armenians*, *Georgians*, *Nestorians*, *Syrians*, *Jacobites*, &c. which for the most part are Priests and Friars, who are of so different opinions in many articles of faith, that many of them might sooner be reckon'd amongst the superstitious and hereticks than Christians ; wherefore each of them have their peculiar habitation and chapel, that they may perform their devotion undisturbed by one another. The *Turkish* Emperor also lets them alone, and doth not at all trouble them for their religion, nor endeavour to bring them over to the *Mahometan* religion and *Koran* ; and is very well contented to receive his yearly tribute, which is exactly demanded as it cometh to be due. I have seen many of them in the temple to go up

and down in their peculiar habit, and once I did attend at their devotion, so that I easily passed away the times that the *Turks* kept us locked up in it.

Their Pilgrims resort thither yearly, chiefly against the great feasts or the holy days, in great numbers to see the holy places, not only from the eastern, but also from the western countries: Those that are under the subjection of the *Sultan*, which they are almost all of them (except the *Latinis* and *Abyssinis*) must pay him yearly the fourth part of all their revenues: He that hath four Olive, Almond, or Quince-trees, must yield one of them to be the Emperors. So in their harvest, every fourth sheaf is also his; their harvest beginneth in the beginning of *April*, and endeth in *May*; as you may see, *Deut. chap. xvi, 9.* ‘Seven weeks (that is from *Easter* to *Whitsunday*) shalt thou number unto thee: begin to number the seven weeks from such time as thou beginnest to put the sickle to the corn.’ Besides this imposition, they have another; that is, They must pay yearly for every head that is male, the poor as well as the rich, one ducat, and sometimes two, chiefly when the *Sultan* intendeth to go to war with the Christians; then he beginneth to lay these taxes upon them a year before-hand, and hath it gather'd in. He that hath not wherewithal to pay it, is forced either to sell one or the other of his children to perpetual slavery, or else to give one of them to the Grand *Turk*, according to his liking to be his own for ever: And what is more, he sendeth every fourth or fifth year through all his dominions his Emissaries, *viz.* *Wallachia*, *Servia*, *Bosnia*, *Albania*, *Calchid*, &c. to fetch away every third son of his Christian subjects, and they always chuse that which they like best; and so they bring together a great number, and call them *Azanoglans*, and give them to the *Fanizaries* to be their servants. These have in some chief places their exercises from their infancy, that in time they may be fit to be made Officers and Commanders in time of war. In this the *Turks* exercise great cruelty and pride, they spare no body, for if a Christian doth possess some small matter of riches, he must either keep it very privately, or else with a great deal of discretion say, That it is all belonging to his Emperor and him. So if the *Grand Signior* hath occa-

sion for any thing of theirs whatsoever, it must be granted him without any refusal: But what a trouble and heart-breaking this must be to the poor parents, for only to have their children which are free by nature, forced to such a brutal way of life and education; but, what is more, taken away from baptism to circumcision, from the Christian congregation and faith, into a severe slavery and superstition, wherein they are brought from their duty to their parents, into a mortal enmity against them and their other relations, every Christian may with himself consider.

The *Turks*, where there is choice, take them that are single and young, because, they being still infirm, and but slightly grounded in their faith, they are the sooner seduced; chiefly if they are instructed in their *Mahometan* laws, and educated therein for a while, for then they soon forget their own faith, and grow in theirs, and so as they grow up in years, they also grow in their malice, and become to be worse than they themselves, as daily experience doth sufficiently testify.

Of the same stamp are also those Christians, that after they have been taken prisoners in the war, turn *Malalucks* (which they call in their language *Haracs*) and are circumcised. These are free from all imposition as well as the *Turks*, save only the tenth, but dare not go away without their master's leave, upon pain of death; if they are taken, they are according to their law, without any tryal, sentenced and condemned to be burnt: And these also are confirm'd and obdurate in their impious and base life, that they forget God and themselves, never think of coming home again to hear the Gospel preached, or to see their friends and relations again. Yet the prisoneis are not so very much pressed by the *Turks* to deny their faith and turn, except there should be found one or more great persons among them, for such they always use to press more, and endeavour to turn them one way or other, and promise them great preferment if they will declare for their religion; for they are in hopes, that if they could persuade them, a great many more of the little ones would also come over with them. If such are persuaded by them and turn, they are entertained by the *Turks* very honourably,

and called *Tscheleby*, that is gentlemen; and endued with great revenues, but yet they do not easily confide in them, or put any trust into their hands, and do not esteem such inconstant and faltering men in their heart, although they carry themselves very friendly before their faces, for they make account, That he that will easily deny his religion, will also betray his Prince and country if occasion should serve. I have known in these countries some slaves, whom their masters that bought them as their servants, did very much press to be circumcised, but when they did mightily resist, and excuse themselves, and say, That they could not admit thereof with a safe conscience, and if by force, they should take away their prepuce and circumcise them, that notwithstanding all that, they could not circumcise their hearts, and therefore they desired them not to trouble themselves any farther with them, they were for all that ready and willing to serve them honestly and faithfully to the utmost of their power : So their masters have been satisfied with this answer, and have pressed them no more. But if it should happen that a Christian should be taken in one of their *Mosques* (for they, as unclean men, are forbid to come there) or should dispute with them, or speak ill of their Prophet *Mahomet* and his laws, or should pronounce these words, which are almost written every where in their churches, and underneath their gates, in their Arabian language, : *Leila billalla Mabammet rasur alla* ; that is to say, *O God, only God, and Mahomet a Prophet of God*, he must (because they are an epitome of their religion, confession, belief and laws) suffer himself to be circumcised, or else lose his life. For being that *Mahomet* did defend his false doctrine described in the *Korân*, rather with the sword than with reason and true grounds, that it might not be discovered, and so his adherents leave him. *Mahomet* to prevent this, by the devil's inspiration, hath strengthen'd it with strong points and articles, *viz.* That no body shall discourse or dispute with any Sectaries whatsoever, much less believe them, or read their books, as such wherein is no ground to be found, because all that is good and true in the old Testament, testified by the *Jews*, and in the new one, by the Christians, is by him taken out and transcribed.

transcribed into his *Koran*, and therefore it must be believed and kept as the word of God, without any scruple or search ; and he that speaketh or writeth against it, must fall by the sword, and besides be damned for ever.

Who doth not see that this subtile *Mahomet* did this, that any body that he gets once into his snares, or that falls into his net, might be so entangled, that he must be forced to keep there to perish and to be damned for ever ; notwithstanding all his sweet promises of great privileges, salaries, and permission of *sodomitish* sins, robbing, burning, perjury, &c. which transgressions they regard but very little, seeing that according to their Prophet's promise, if they pray but often, and wash themselves often, they do not only not hurt them, but by continual usage of the before-mentioned means, they become to be cleaner than we Christians from our sins, in the bath of regeneration. To these traditions of *Mahomet*, the *Turks* and *Moors* stick so close, and believe them implicitly, according to the commands of *Mahomet* ; so that one, although he be of another opinion, because they will hear no contradiction nor objection, is forced to hold his tongue and say nothing. And in case you should ask them why they are forbid to eat pork, or drink wine ? they answer and say, That their Parents did so before them, partly because they are unclean, and partly because they are forbid it in their *Koran* ; or else that if they should over-fill themselves with it, so that they should bring it up again, it might contaminate their cloaths, and so they should commit a great rusticity ; so that they know not how to give any reason concerning their religion. Wherefore their law ought to be called or reputed cruel, and a tyrannical one, that is rather upheld by the sword than by reason and justice ; which also appeareth from thence, that they carry a naked scymiter before the noblemen's sons, when they carry them about the streets in order to be circumcised ; and also their Priests, chiefly those that are called *Antippi*, after prayers and sermon, shew unto the people from a high place, a burning torch in one hand, and a naked scymiter in the other, to encourage their own adherents, and to frighten those that are of a contrary opinion ; and so *Mahomet* pretends to his adherents, that God hath bidden him to conquer all

other nations by the sword, until they confess that there is no other God besides God, and *Mabomet* his Prophet; or else agree to pay him yearly tribute, and to be his obedient subjects; if they follow his directions, his laws will endure so long as they defend them by the sword. Now how strictly they have hitherto prosecuted these his commandments, the inhabitants of the eastern countries have formerly, to their grief, sufficiently experienced, viz. *Asia*, *Syria*, the *Land of Promise*, *Egypt*, *Thracia*, *Greece*, &c. which they have not only conquered, and to their own great improvement subdued, but have also infected them with their poisonous doctrine to such a degree, that in these our times there are but very few to be found in those parts, that do adhere unto the true religion.

It being so then, that God Almighty hath visited them with these great punishments, by reason of their manifold sins and ingratitude, for his holy and sacred word, and that we also are guilty of these and the like sins and vices, we cannot wonder that the Almighty and Just God, should, according to our demerits, send also such a horrid tyrant against us, to terrify us very much, and come so near to us, that we must expect every moment (except we amend) the like punishments and executions. And so we hear daily, to our grief, that this potent tyrant is continually at work, and taketh one strong town after another; and what is more, they take often in their excursions, a great number of our brethren and sisters, part whereof they murder barbarously, others they carry away into perpetual slavery. When they have obtained a victory, and have got booty, there is ready, and at hand, several Sutlers, that drive a great trade by buying and selling poor prisoners; these buy them of the Soldiers, chain them (after they have given the Grand *Turk* the tenths thereof, according to his choice and pleasure) together with long chains, and so drive them away miserably, as if they were beasts, to the chief trading towns, to sell them with profit again to others, that come thither from foreign countries. There you find weekly, in their *Batzars* or Exchanges, many prisoners of several nations, viz. *Christians*, *Moors*, *Arabians*, *Indians*, *Abyssins*, and amongst them young and

and old men and women, some whereof are white, and others black; thither come the Chapman and cheapen them; they have liberty to look upon their naked bodies, as if they were beasts, and to feel them, whether they are sound in their limbs, or whether they have any defect, which they always fear. If they like their bargain, the buyers take them home with them into their small habitations or tents, and put them (chiefly those that are given to idleness, and have learned no trade) to any sort of hard labour, and all that they get so belongeth to their master, who disposeth of it as he pleaseth. Wherefore those that keepe many men and maids, esteem themselves richer for it; and sometimes they marry them together, and when they beget children, they are slaves as well as themselves, and he hath power to educate them, and to dispose of them as he pleaseth. Wherefore the Christians (that to their temporal punishment, they may not also acquire eternal ones, for their childrens sake) in these countries do seldom marry, but rather study how to make their escape, if they are not hindered for want of that language, and by unskilfulness of the roads; or else they go with their master before a Justice, in their language called *Cadi*, and there buy their liberty for a sum of money, or else agree with him for a certain time, and so make a contract with him concerning their liberty, which commonly those do that intend to persevere in their Christian religion, or undertake to get something by their handy-work, that when the time is past, or the money paid, the Justice may, according to the instrument before made by him at their request, declare him free, and give him a pass, to shew upon the road, that he may not be molested. Other ways to get their liberty there are but very few, except their master should happen to dye, which commonly in their last will, declare that their bought servants, after the opening of it, shall have their liberty. Sometimes it happens, that from others they buy false letters (which are soon found out in these countries) and so by the help of them get away clandestinely.

But yet that but a few slaves come from thence to us again, the chief reason is not, as many think, because the *Turks*,

*Turks* press them to change their religion ; for although they sometimes threaten them, as they use to do, or treat them somewhat more hardly than is usual in their servitude, as Christians also do very often; but rather their secure and impenitent life which they lead, forgetting God and his holy Word to that degree, that they know not how to give an account of their Christian faith and religion ; nay, (what is more) they know not the difference between these two religions, which are so vastly differing, although they would, if they did know it, rather suffer death than be seduced from the true religion, and precipitate the soul, together with the body, into damnation. When then the knowledge of the truth is gone, and faith almost, if not quite extinguisht'd, so that there is but little hope left of their salvation, they daily forsake their religion as fast as worm-eaten fruit falls from the tree ; begin to think how to compensate their bodily suffering, they may lay up and get money by robbing and burning, and so get privileges, to live according to their own will and pleasure, like beasts in daily uncleanness ; and when they are harden'd in it, they come at last to such a degree of sottishness and brutality, that (as St Peter saith) they believe the chief good of this world to consist in voluptuousness, wherein they perish at length, and must expect the wages of unrighteousness with the rest.

When the *Turks* have conquered one or more (which they discern at first by their fore-finger, which those that have a mind to turn use to shew to them first, as a token, by lifting of it up over their heads, chiefly in their *Mosques*) they rejoice in them mightily, and are clearly of opinion, That this their work is precious and good before God, and that their religion is confirmed and upheld by the assenting of many ; wherefore they soon meet together to confirm these turn-coats with their usual ceremonies, and so to make them true *Turks*. First they lay before them a cross, whereon they must trample three times, spit upon it, and repeat every time some words after them taken out of the *Koran* ; so the Christians that will be made *Turks* pronounce them after them. When this is done, three of them are ready with their bows, and shoot together up, and give them before

before the arrows fall down again *Turkish* names : then (if they be men) they set them up upon high horses, put them on their best cloaths, and dress them neatly, and so lead them for two days together through all the streets, that every body may see them, and know them to be such as do adhere to their religion, and so to be free to walk and deal among them without any hinderance. If they are of an higher degree, and of great authority, sometimes ride along with them some *Turkish* gentlemen of quality, in their best dress, accompanied by many *Janizaries*, who fire here and there in the streets for joy, but chiefly in those places where they spy Christians. They have with them all sorts of musical instruments, *viz.* The drums, great drums, and little drums, (which they beat at the same time both above and below) hautboys, and others : They also carry in this their procession long streamers upon long poles, almost like unto them that we see in the cross-walks in our Frieries ; and besides, the rabble that run before and behind make such a noise, that one cannot hear the other. When all this is over, they circumcise them at last on the third day, and then they reckon such an one to be a true *Musulman*, that is, a circumcised one, who hath leave to go to their *Mosques* without being hindered, to buy their books and writings, and to read them, which must not be sold to others that are not of their religion, upon pain of great punishment, that they may not come into unclean hands, or to be trod upon as writings of no worth.

Their *Jew*, whereof there are a great many among them, and are called by them *Choifut* or *Choifoutler*, excel ours in cheating and cozening by far, and there is no doubt but they would oftentimes renounce their religion to make profit : But the *Turks* envy them more than we Christians, they do not trust them, they reckon them not worthy to eat with them as they do with us Christians, nor marry with them ; much less will they receive them as any thing related to their religion, except it be, that before for some days they have frequented the Christian churches, and there are baptized, and have often eaten pork, that unclean meat, that is also forbidden unto them. When they have done thus,

thus, they proceed with them after the same manner as is before-said.

Concerning the Christians that live among the *Turks*, as the *Suriens*, *Armanians*, &c. they have here and there in great trading cities, their peculiar streets which they inhabit, and they are commonly without in the suburbs ; and thereabout are also small and low churches, where they perform their devotions. When they begin to be decayed of age, or are burnt by fire, or destroyed in war time, if they will have them built up again, they must have leave first of the *Turkish* magistrate, and lay down a good sum of money, which grants nothing except you grease them well.

The *Turks* (to save charges) suffer no bells nor clocks, neither in their own nor other temples, nor will they give leave to the Christians to ring to church with them, so that all day long you neither hear a bell toll, nor a clock strike. Instead thereof, the *Turks* have, according to their *Koran*, their five hours set, which their Priests call out from the high steeples, and in the exchanges, with a loud voice, and with stopped ears, and cry, *Alla Haickbar*, that is, *God is true*; and then, *Leila bil-lalla, Mahammet rasur alla*; each of them he repeats twice, to call the people to their devotions. But the Christians have a servant, that at the hours of prayers and sermon goeth about with a strong cudgel, and striketh, in every street, on one or more doors made strong for that purpose, as if it were upon an anvil, several times, which resounds through all the street.

When the Christians pray, they observe almost the same ceremonies with the *Turks*, *Persians* and *Arabians*, &c. they turn themselves towards the south, they speak low in the beginning, lift up their hands, bend their heads and whole bodies downwards ; then they fall down upon their knees, kiss the earth several times, and pray with great devotion ; which custom the *Jews* keep also, and that without doubt, because the Patriarchs used the same in their prayers, as we read in *Genesis* chap. xvii. verse 3. and 17. ‘ And Abraham fell on his face :

‘ *Exod.*

"Exod. xvii. 11. When *Moses* held up his hands *Israe*l prevailed : And in 1 Kings xviii. 42. is said, "And *Elijah* went up to the top of *Carmel*, and he cast himself down upon the earth, and put his face between his knees : " And also *Nehemiah* viii. 6. " And all the people answered, Amen, Amen, with lifting up their hands ; and they bowed they heads and worshipped the Lord with their faces to the ground." So did *Christ* himself, lying on his face, vehemently pray the third time. If we Christians did but mind the fervency and zeal of the heathens and superstitious in their prayers, we should see what reason we have to awake from our laziness and coldnes in our prayers, and to pray with earnestness. There live in *Turky* so many Christians, that they inhabit the greatest part of that country ; wherefore considering their great number (to speak according to all human probability) it would be an easy matter to subdue the *Turks* without the assistance of any outlandish power, and to drive them out of their own countries, did not God Almighty, who visiteth us for our manifold sins, set them over us as a punishment : For although the *Turkish* Emperor sets his Beglerbys and Bashaws, as great and mighty lords here and there over great provinces and countries, to rule them with great zeal and severity, and to order all busines according to his pleasure, so that among so great a number of people, and considering their severe reign and government (where small transgressions are vigorously punished) there is not easily to be feared an insurrection ; yet he could not be half so strong, without the help of the Christians that live amongst his people, nor be able to bring together such mighty and numerous armies of good and experienced soldiers.

The Christians, for the most part, wear as well as the *Turks* long cloaths, and gird their loins with fine and soft rollers, some of silk, and others made of cotton ; in them they keep still to this day their money, chiefly the poor, as some with us, that have no pockets, do in their handkerchiefs, tied up in a strong knot ; the same without doubt did the ancients wear, as the words of *Christ* our Saviour, *Matth.* x. 9. give us to understand, where he speaketh to his disciples, and sends them into the

the world, saying, *Provide neither gold nor silver, nor brass in your purses.* (In the German bible, we read girdles.) With such a one, without doubt, the Prophet *Agabus* did tie the hands of the Apostle *Paul* in *Cesarea* in the house of *Philip*, when he would make him to understand, that the *Jews* at *Jerusalem* would take and tie him, and at length deliver him up into the hands of the heathens, as you may read in *Actis* xxi. Now altho' the Christians go as well as the *Turks* in long cloaths, so that that way they are hardly to be distinguished from one another; yet they are distinguished by the peculiar colours of their turbants, which they wear; for the *Turks* wear white ones, as also do the *Arabians* and *Persians*, only these put behind to it a red coloured cloth, and the others make it up in another form, and let one of the ends hang down behind to defend their naked necks from the excessive heat of the sun. But the uncircumcised that have a differing religion, are not allowed to wear a white one, unless another colour be mixed with it, much less a green one; which colour being their *Mahomet's*, and esteemed to be holy, is not allowed to be worn by any body, neither *Turks* nor Christians, (except to their Priests and some Pilgrims that have been on pilgrimage to *Mecca*) neither in turbants nor other cloaths. So the *Armenians* have blue, the *Nestorian* flesh coloured, the *Grecians*, *Maronites*, *Suriants*, and others have white ones with blue lists wrought into them. But the *Jews* have yellow ones, as they have in our country yellow bonnets; yet when they have a mind to travel afar off, as into *Mesopotamia*, *Affyria*, *Persia*, or into the *Indies*, &c, (seeing that the *Turks* hate them, that so they may travel the surer, and with little charges) they put on white ones by the way, and pretend to be *Tschelbys*, or noblemen, nay, sometimes messengers of the *Cambre*, which they may easily do, because they understand the languages, yet not without great danger. But they stay not long in a place, that they may not come to be known.

There

There are also some *Jewish* Physicians, which instead of the yellow turbants, wear red high hats of scarlet, they exceed in number the *Turkish* ones, that go cloathed like the common people. They are commonly more able and learned, because they can read the physical books of *Galen* and *Avicenna*, &c. in their original languages *Greek* and *Arabick*; which they generally understand. But for the *Latin* tongue, very few of them understand that, neither have they any good books in it, but what they have received in the taking the island *Cyprus*.

So much of the Christians in general. But because I have made mention of Christians of several nations, that inhabit the temple of mount *Calvaria*, what places in and without the town of *Jerusalem* each of them are possessed of, and with what errors in religion they are contaminated, I cannot but relate in particular of each of them, as much as I could understand and learn in that little time.



## C H A P. XI.

## Of the G R E E K S.

**A**S the ancient Greeks in former days did excel almost all other nations in wisdom and understanding, and used to have their children instructed at home in their own universities in all manner of learning; so in our times we find the contrary; for in all Greece there is not one university to be found, where such discipline and learning aburishes as did anciently; just so is the desire of learning, and instructing their children extinguished in them. They take greater delight in idle discourses, and rather love idleness, which they have learned very well, since they truckle under the *Turkish* yoke. 'Tis true, they write the *Greek* language, but which is as corrupt and different from the ancient, as the *Italian* is from the *Latin*. The *Turks* despise them for their laziness and cowardise, and on the contrary they love the *Germans*, *French* and *Italians*, and praise them, saying, That they are stout and courageous soldiers; they call them all by the same name *Franci*, because the divisions of our country are unknown to most of them.

In former ages they had here and there in large and eminent towns, instead of the Pope (whom they will not obey, nor be subject unto) their Patriarch, Archbishops and Bishops, whereof some are still kept up; but after the *Turks* did take and possess themselves of their country, there is fewer of them in number, and they have smaller revenues.

Without their country, they have in great trading Cities, as *Cairo*, *Aleppo*, *Antiochia* of *Syria*, *Venice*, &c. their peculiar churches, and chiefly in some holy places in the Land of Promise. As at *Jerusalem* the temple of mount *Calvaria*, the place of *Skulls*, whereon *Christ* was crucified; and also the beautiful chancel that is in

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the middle of the church ; wherein is a round hole about a span over in a stone, which is, as they pretend, the middle of the earth, according to the words of the kingly prophet *David*, when he says : ‘ God, who now is my King from the beginning, has wrought our selves on the middle of the earth.’ Besides these, they have another called the Holy Crofs, about an *English* Mile out of town, which, as they pretend, is built on the same place where the tree did grow whereof they made the crofs of *Christ*. Besides this, they have a great many more which I reckon unnecessary to mention here.

Some of their church doors are so low, that you must stoop when you will go through them.

They believe that the Holy Ghost doth proceed only from the Father, and not from the Son. They keep yearly two great fafts, and they eat flesh upon the sabbath, or saturday, at pleasure ; they sing the mafs in their own language, that every body may understand it. In their churches they suffer no embossed work, nor carved images, but have plain pictures on boards, or on the walls. They do not believea Purgatory, as the Papists there, called *Latini*, do ; nor that our praying, fasting or offering for the dead can do them any good. And they are mightily displeased, that the *Roman* priests do not, according to the plain words of *St Paul*, marry as well as they, nor give the Lord’s Holy Supper in both kinds, as our Lord himself did institute it. Wherefore they condemn such errors of the *Popish* church, and excommunicate the Pope and his adherents on the Holy Friday yearly. And because they reckon them to be superstitious, they will not permit them to say mafs upon their altars ; but if they should do it, they accuse them before the *Turkish* magistrates.

So it happened when I first came over, that they were very angry with a Papist that had said mafs upon their altar, and so had profaned it, wherefore they did immediately consecrate the altar again, and had the Priest before the Cadi : and they brought it so far, that he was mulected five hundred ducats, to pay in a short time. When he thought that the punishment was greater than the trespass or transgression, he did seek for

help at *Aleppo* and *Tripoli*, by the French and Italian Consul, but did obtain no great matter, so that he was still in election to pay the forfeiture.

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## C H A P. XII.

*Of the Surians that esteem themselves to be Christians.*

AMONG the eastern *Christians*, we also find them that are called *Surians*, whereof there is a great many, but chiefly in *Syria*. They have like unto the *Jews* in several towns their peculiar churches. In *Jerusalem* they live in the church of *St Mark*, which stands in the place, where the house stood formerly, at the door whereof *St Peter* the apostle did knock when the angel had delivered him out of prison.

In their religion they follow for the greatest part the *Greeks*; they administer the Sacrament in leavened bread; and they say their masses like unto them in the vulgar *Arabian* tongue. They are a sort of poor naked, covetous, and helpless people; their gowns reach only to their knees, as those of the *Maronites*, some whereof are wrought of coarse goats hair, striped black and white, such as the *Arabians* make use of commonly, and almost alike unto their *Mescha*, which they use for sacks and tents, and they wear nothing underneath them, but shirts without neckbands, as is usual in all the eastern countries, they wear high shoes, which serve them for stockings and breeches also, being tied up with straps. They are subject unto the *Turks*, who make use of them as labourers both by water and land. They also mind their trade more than their religion; wherefore having lived so long among the *Turks*, they have already assumed their customs and manners in temporal and spiritual affairs, and are thereby become so confident and secure, that now-a-days the difference between

between these two religions are esteemed by them to be small and frivolous. If a Christian hath to deal with them, and desireth to buy something of them, either Opium, Scammony, or any other the like drug, which they commonly falsify, he must look to himself as if he had to deal with *Jews*.

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## C H A P. XIII.

## Of the G E O R G I A N S.

**N**EAR unto the glorious city of *Tрапонинта*, situated on the *Euxine* sea, beginneth the country of the *Georgians*, and buts toward the south upon *Armenia*. These are very civil and simple people, but yet strong and brave warriors ; they esteem and honour among other saints, but chiefly for warlike businesse, as their patron, the Knight *St George*, from whom they take their denomination. Their Merchants come very often in great caravans to *Aleppo*, and are, according to all appearance, in their shape and posture like unto the *Persians*, only that these are more whitish, and the others more tawny and brownet : they wear also like them, short flying coats, and long and wide drawers, &c. They have, as the rest, their Patriarchs and Bishops, who, altho' they are differing and dissenting in some points ; yet for the most part they follow the doctrine and errors of the *Grecians*, and so they have and use the same writings and offices. Their priests are, as well as those of the *Armenians*, allowed to be married ; but yet if either of them should happen to die, they must not marry again. In *Jerusalem* they are also possessed of their peculiar places, wherein they sing and exercise the offices, and chiefly of one in the church of mount *Calvaria*, in the place near the sepulchre of our Lord *Christ*, where he did first appear unto *Mary Magdalene* in the similitude of a Gardener after his resurrection.

## C H A P. XIV.

*Of the Armenians and their religion.*

THE Armenians possess a large country, which is chiefly divided into two parts, viz. The lesser Armenia, which is now subject to the Turks, and the greater, now called Turco-Mannia by some, which is partly belonging to the Sophy King of Persia. In it arise two great rivers, the Euphrates and the Tygris, which run a great way toward the south, mix together below Bagadet, and at length fall into the Persian gulf, by the town Balsora or Batzera. They are pious and honest people, innocent, but very zealous in their religion, and receive strangers readily that come to them, and give them lodging, as I have often found it in my travels. They are also very much inclined to help and affist the poor slaves that are under Turkish confinement, and ready to help them out. Their Merchants, whereof there are many amongst them, are dispersed not only over all Turkey, but also Persia, the Indies, and many other countries; wherefore they have in all chief towns of trading, as Antiochia, Aleppo, situated in Cœlophrygia, Orpha, &c. their peculiar warehouses and churches; and also in Jerusalem (whither they go in great numbers) the beautiful church of St Jacob the Greater; and also below near to the place of Skulls, another chapel locked up, &c. and have commonly before their chancels large hangings, behind which the priests keep separated from the people.

These, although they agree in very many points and articles exactly with those of the reformed religion, yet notwithstanding they have some errors worth to be rejected, and some scandalous customs besides. So you may see them here and there cry over the graves of their deceased friends; for to give them visits, they go out in the morning early, the greater part of them old women,

women, and there they make such mourning and howling, that the travellers that come by (for their graves or burying places, are generally out of town near the highways) may hear them a great way off. There you shall see them sit, some folding their hands over their heads, and looking mournfully ; others fetching great sighs, beating on their breasts ; others spreading themselves over the graves, as if they would embrace their friends and take them in their arms. In the mean while, their priests go about among them reading and praying, and sometimes they speak to some of them. When they have done mourning thus, and cast sorrows from their hearts sufficiently, they sit down together, eat, drink, and be merry.

They do not at all esteem the Popes of *Rome*, but have their own prelates, which they honour with great and peculiar reverence ; neither do they believe any indulgences, nor purgatory.

Their priests go in plain habits ; they have wives as well as their laymen ; they let their hair and beards grow ; they keep on *Easter-day* a great feast, and soon after beginneth their Lent, which they keep strictly, and therein, as also on Wednesday and Friday all the year round, they eat neither eggs nor flesh, nor any thing else that ever had life in it, only Saturday and Sundays they are allowed them, to refresh themselves ; other feasts and holydays they do not keep any at all. In all these points, they rather agree with the *Abyssins* than the *Romans* ; and also in these following, viz. That they eat not of unclean meats that are forbidden in the Old Testament ; they admit to the communion young and old without distinction ; they baptize their children in the name of the Holy Trinity ; they believe the articles of our Christian faith ; they preach, sing, pray, and perform all their devotion in the vulgar tongue, that every one may understand it ; they use for the interpretation of the word of God, the writings of *John Chrysostom*, and *Gregory Nazianzen* ; they dare not, no more than all the other nations that live amongst the *Turks*, except the *Maronites*, make use of any clocks, to call people to church, in place whereof they have strong wooden tables, or some house doors prepared,

several in each street, whereon they strike several strokes with a great cudgel, and so call people to church.

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## C H A P. XV.

## Of the NESTORIANS.

**T**O W A R D S the east, are other people which esteem themselves Christians, and among the rest, chiefly the *Nestorians* called after the Heretic *Nestorius*, who was a Bishop at *Constantinople*. Some of their priests live upon the mount *Calvaria* in the temple, and there are a great many adherents to this sect, most of them living in *Mesopotamia*, *Chaldea* and *Assyria*, but chiefly in the mountainous country of the *Curtans*, called *Carduci* by *Ptolomy*, which they almost quite possess, and have poisoned with their base and obnoxious error, as if it were by an infectious air; for in passing through, I have found many of them in their cities, as *Hapril*, *Carcuck*, *Mosel*, formerly called *Nineveh*. They are strong and warlike people, but full of vices, and from their infancy given to robbing. They inhabit towards north and east, as is before said, upon the *Armenians* and *Medes*; and they are a very ancient people, whereof chiefly *Xenophon* maketh mention under the name of *Carducci*, and are called to this day *Curters*. They speak their peculiar language, which neither the *Arabians*, *Armenians*, nor *Turks* do-understand; they are of a brownish colour, like unto the *Suriens* and *Maronites*, and wear the same cloth or habiliments that one cannot readily discern or distinguish one from the other, save only by their flesh coloured lists in their turbants. The Grand Signior is their head, whom they obey, and they are kept and respected very well by the *Turks*, partly that he may not give them occasion for an insurrection, because they are upon the borders, and partly because *Mahomet* hath charged them to be kind to them before others, and that the *rather*

rather, because he had a frier of their sect called *Sergius* for his tutor, who did baptize him, and counseled and assisted him to make such laws, and to give them to his adherents; and so you may still see, that they agree more than any other sect with the Saracens. For whereas they believe, that in Christ, according to his two natures, are two distinct persons, one of the Godhead, the other of the Manhood. They will not allow, any more than *Mahomet*, the Virgin *Mary* to be the mother of God, but the mother of Christ, according to his human nature. They have a Prelate instead of the Pope, whom they call *Jacelich*. They bless and give the Sacrament as the *Surians* do, and use in their spiritual services the *Chaldean* language, else they speak the common of their provinces, *viz.* in their own country, as is abovesaid, their own language; in *Chaldea* and *Mesopotamia*, commonly the *Arabian* and *Saracen* language. So in *Affyria* beyond the river *Tygris*, where the two mighty Princes the *Turk* and the King of *Perisia* do border upon one another, the language of the *Turks*, *Perians* and *Medes*, although they are quite differing, These and other languages the holy Apostles did understand, and in them they did speak on the day of Pentecost, when they received the Holy Ghost, as you may read in *Acts* ii. verse 5. where it is thus written: ‘ And there were dwelling at *Jerusalem*, *Jews*, devout men out of every nation under heaven, each whereof heard the Apostles speak in his own language wherein he was born, as that of the *Parthians*, *Medes*, *Elamites*, or *Perians*, that of those also that live in *Mesopotamia* and *Judea*, &c.’ This sect was rejected and condemned in the council of *Ephesus*.



## C H A P. XVI.

## Of the Jacobites called Golti.

**I**N the temple of mount *Calvaria* also live, in the chapel behind the Sepulchre of Christ, another sort, that boast to be Christians, call'd *Jacobites*, after *Jacob the Heretic*, who was a pupil of the Patriarch of *Alexandria*. They pretend to have been first converted to the Christian Religion by the holy Evangelist and Apostle *Matthew*; but they did not adhere to it, but fell afterwards into a great many errors, so that in our time they are divided into other sects and orders. For some have assumed the order of St *Macharius*, who with *Eutichius* did own or believe no more but one nature in Christ; others that, of St *Anthony*, who was an Eremit in the year of our Lord Christ 324, in *Egypt*. Others have their male children circumcised; but others, and the greater part, have their children baptiz'd with fire, and have crosses made on their foreheads or temples, according to the words of St *John the Baptist* in the third chapter of St *Matthew* v. 11. *He that cometh after me, shall baptize you with the Holy Ghost and with fire.* They live chiefly in *Egypt*, and in other adjacent places. They are generally subject unto the *Turkish Sultan*, and speak the vulgar *Arabian* language, and agree in most points, partly with the *Abyssins*, and partly with the *Surians*. We saw many of their wives go about in the temple, they wear hats near a span high, which at top have a broad brim like unto our bonnets, else they are habited like unto the *Surians*. This Heresy was rejected and condemn'd in the *Chalcedonian council*.

## C H A P. XVII.

*Of the Abyssins, Priest John called Lederwick,  
subject unto the King of the Moors.*

THESE live at *Jerusalem* in the temple of mount *Calvaria*, just by the church door towards the left, and have through their lodging a peculiar way, so that without hindrance, according to their pleasure they may go in and out ; and pretend that their King hath made a peculiar agreement to let his subjects have free egress and regress. According to all appearance they are a naked people, yet for all that they may be rich and able ; they are of a dark brown colour. When we spoke to them by an interpreter, they shew'd themselves very kind and friendly, and always did give with a great deal of discretion such answers to our questions, that one might easily conclude that they were of good understanding, and well instructed and grounded in their religion. To their King is given, in the beginning of his reign, the surname of *David*, which else are call'd *Lederwick*, and by the *Perfians*, *Amma*, to shew and to make known by it, that they are derived from the kingly race and stem of *David* and *Solomon*; and to prove this, they alledge the history of the Queen of *Sheba*, call'd *Merquerda*, who, as we read in Scripture, came from rich *Arabia*, with many camels laden with gold, spices, and precious stones, to *Jerusalem*, to see the great wisdom and glory of *Solomon*, whereof she had heard much. When she had been there a good while, and in the mean time was got with child by *Solomon*, and brought him a son into the world call'd *Meytich*, she left him at *Jerusalem*, but she return'd into her own country again. Many years after, when the son was grown up, and came to his understanding, his father, seeing

seeing he had more sons, was persuaded to send him home to his mother, who had a greater kingdom than he. So he did dispatch him, and sent along with him the chiefeſt of his courtiers, and ſent him away with a great train, as did become a King. When he was come into his kingdom, he entertained these lords and gentlemen very honourably, and promoted them before all others to the highest and best places, that they might the willinger ſtay with him. But all this would not prevail with them, but they grew daily more tired, and unwilling to ſtay longer in theſe ſtrange and unaccouſtum'd countries ; and this encreaſed daily more and more, and at length to that height, that they reſolved that, if the King would not give them free leave, they would endeavour to make their eſcape clandestinely againſt the King's will to *Jeruſalem in Judea*. When this their deſign came before the King he was very angry, and order'd immediately, that a mark ſhould be burnt on their foreheads, that every body might know them ; and iſſued a proclamation. That all his ſubjects might watch them, and if any of them, that were a going away ſhould be taken, they ſhould detain them, and ſend them to him again. Now as at this time the marks did begin, and then thoſe had them that were of a great race, ſo they are retained by their poſterity to this very day, as we ſtill ſee in theſe times, that their nobility have them on their foreheads towards the right ; yet not all, for there are ſome that wear them rather upon their shields and arms, &c. These marks are not all alike, for in ſome you ſee a bear, a dragon's head, &c. in others a lyon, a wolf, or three croſſed arrows, &c. because every one hath that made that they give in their coats of arms ; they colour it with an oil which they call *Achalcinte*, and is brought to them from *Greece*. Besides this cuſtom, they ſtill keep in many things to the ancient ones of the Jews, for they keep the Sabbath for their peculiar holiday ; and alſo they do not eat all ſorts of flesh, nor any of them that are forbide as unclean in the Old Testament ; they pretend that the holy Apostle Philip hath, when he travell'd with the Chamberlain of *Gondaces Queen of the*

the *Moors* to *Gaza*, and converted him there, allow'd them this and other things, being born Jews. Circumcision they believe unnecessary, and that it can neither profit nor hurt a Christian. And again, Baptism they believe to be necessary, wherefore through all his large dominions they bring their children to it on the third day, and baptize them yet with fire, in the name of *God the Father, the Son, and the Holy Ghost*, whom they believe to proceed only from the Father, and not from the Son, according to the words of St *Matthew*, chap. iii, vers. 11. *He shall baptize you with the Holy Ghost and with fire.* They take the oil of *Achalcinte*, dip a stick into it, and lay frankincense upon it, and set it on fire; and so they let some drops fall down, which do not hurt the children, being mix'd with the oil; and at last they make a cross with it upon the left side of their forehead near unto the temple.

They begin their *Lent* about *Easter*, as the *Armenians*, wherein the lay-men eat nothing else but fruit, herbs, and pulse; but their Priest generally nothing but bread and water, and so they do every Wednesday and Fryday throughout all the year. They marry also according to the words of St *Paul*, that a Priest shall be a husband of one wife; they give the Lord's Supper to young and old alike in leaven'd bread in both kinds; and they confess their sins like unto the *Jacobites*, to no body but only God. The *Portuguese* that go to the *Indies* know them very well, and love them for being good soldiers, and are glad if they will live among them, and go out and in with them.



## C H A P. XVIII.

## Of the MARONITES.

BESIDES all these there is also a sort of Christians, who first after *Mara* the Heretic were call'd *Maronites*; who believed that their is but one Nature, Understanding, and Work in Christ, according to the opinion of *Macharius* the Heretic, whom he followeth diligently; but since they have by degrees left this, and are return'd to the Popish religion again. And although they are still of it, yet they give the Sacrament in both kinds to the lay-men, as almost all other nations do, according to the words of the institution of our Lord Christ. In all other points they follow the *Roman* religion more than any other nation. Their Priests wear over their cloaths black hair vestments. They live for the most part in *Syria*, but chiefly upon the promontory of mount *Libanus*, whereupon they have a monastery within a day's journey of *Tripoli*, call'd *Our Lady's*, which is situated underneath a large rock, wherein their Patriarch dwelleth, whom they respect very much, and kiss his hands with their knees bended, &c. whereof I have made mention here before. The Patriarchs are still to this day chosen by the commons, and afterwards confirmed by the Pope; and so this (when he after the decease of his predecessor, came into a dispute with one of his competitors concerning the election) did presently, unknown to his adversary, go to *Rome*, and so obtained in person the patriarchal seal from the Pope.

The common people are in their shape and habits so like unto the *Surians*, and their neighbours the *Arabians*, that except by their turbants, none can know them from each other. They are a courageous and war-like people, very well provided with guns and other arms, as well as their confederates the *Trusci*; and because they are not subject, nor pay any contribution

tion unto the *Turkish* Sultan, therefore they still keep their bells and other privileges.

They speak the *Arabian* language, and their books are also written (as many as I could see of them in their churches) with *Arabian* characters or letters, which they always kiss with great reverence when they take them up, or lay them down, according to the custom of all other eastern people or nations, as well Heathens as Christians.

They keep a very severe order, and never eat flesh, and on their fasts neither butter nor eggs, but live upon fruits, as beans, peas, *French-beans*, and such other common victuals. But yet if any Merchants, or Pilgrims, come from *Tripoli*, or any other places, they let them want neither for meat nor drink ; nay, they shew themselves to every body so benevolent (as I have found it three several times) and civil, that one would wish to stay some time with them. These live not continually in the temple of mount *Calvaria*, but go often thither on pilgrimages.

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## C H A P. XIX.

### *Of the Latinists or Papists.*

**T**H E *Latinists* or *Papists*, living at *Jerusalem* in the often before-named temple, are Friars of the order of the *Lesser Franciscans* ; they chiefly possess the holy Sepulchre of our Lord Jesus Christ, which they keep in very good order, and read their *Hora's* diligently, wherefore their father stileth himself Guardian of the holy Sepulchre and mount *Sion*. Besides this, they are possessed of more holy places, as at *Bethlehem* the stable wherein our dear Lord Christ did lie in the manger with the Ox and the Asls ; in the mountains of *Judea*, the temple of St *John the Baptist* ; in *Bethania*, the Sepulchre wherein *Lazarus* had lain four days when Christ raised him from the dead, and here and there many others. These, as all know, are dispersed in a great many places and kingdoms ; nay, almost thro' all the world. Their

Their head is the Pope of *Rome*, who pretends to be the Vicegerent of Christ, and taketh upon himself so much power, as to prescribe to all men laws according to his own pleasure, which Christendom finds every day to it's great grief. Wherefore in the mean while they are grown into so many divisions, idolatry, and ceremonies, that they quite out-do all the before-named nations. But being that they are in these our times so very well described, that, thanks to God, they are very well known to every body, therefore I forbear to write more of them, and will only before I conclude, make mention of these brethren that live at *Jerusalem*, only in a few points, and say that these that live in the monastery at *Jerusalem* are about twenty in number more or less, according as they go and come, and among them are *Spaniards*, *Italians*, *French-men* and *Germans*, &c. that commonly are sent thither by Kings and Princes ; but being that they have more churches and places in and without *Jerusalem* to provide for, their Father Guardian distributeth them, sends some to *Bethlehem* to look after the manger of Christ, others upon the hills of *Judea* ; to the mount of *Olives*, and towards *Bethania*, &c. but before all others, always two and two into the temple of mount *Calvaria*, to stay there for fourteen days together. But being that the temple is always lock'd up, that the Priests that are within it may not want for food, as well as others that are with them, therefore three holes, one bigger than the other, are made in the great door of the church, that thro' them all necessaries of meat and drink may be convey'd to them. Those that are thus lock'd up in the temple, do but look diligently after the holy Sepulchre, and read their *Hora*'s, with singing and praying, and to look after the lamps ; but chiefly those that hang in the Sepulchre of Christ to illuminate it. There are about twenty of these lamps, one better and clearer than the other ; they belong for the most part to great persons, as Kings and Princes, whereof they have their yearly revenue, that is sent them by their brethren ; but chiefly from *Italy* and the *Italian* Princes, and the most Catholic King of *Spain*. But from *Germany*, *England*, and also now *Cyprus* the isle since it hath been taken by the *Turks*, they complain they have nothing as they had in former ages ; and the most Christian

Christian King of *France*, doth also already begin to forget them, which they have found some years since ; and the number of the Pilgrims doth also decrease, which formerly used to flock thither in great numbers, and sometimes to reward them, besides meat and drink, very nobly, which they find very prejudicial to them, seeing they have no revenues of any other lands or the like.

They receive the Pilgrims, that come in to them, very kindly, and treat them very well with meat and drink, and shew them all the holy places, and keep them so long until they have seen every thing to their satisfaction, and are willing to depart.

They are but very meanly cloathed, like unto poor Mendicants ; they live very privately, and keep their concerns very close, because of the *Arabian* horse-men or *Beduins*, that fall upon them daily, and ravage these countries continually, wherefore they are in great danger. When they come, you must at least give them meat and drink, if not other booty, as I saw my own self at *Bethlehem* when I first arrived there, that twelve horse-men, with guns, arrows, and darts, very well armed, came to the gates of the temple, and they were forced to satisfy them, before they would leave them, and to give them good words besides. So that they are not only sufficiently plagued by them, but also by the Sangiacks and Cadis, the *Turkish* magistrates at *Jerusalem*, who have continually their eyes over them that are well to pass ; for covetousness is so great with them, that if they can but hear of one that hath money, they study night and day, how (if possible they can) they may right or wrong make him punishable. So they lately accused the Eastern Christians falsely, and punish'd them in some hundred ducats ; whereat the Bashaw of *Damascus*, under whose command *Jerusalem* is, did wink, in hopes to have a great snack out of it.



## C H A P. XX.

*Of the Knights of the temple of Jerusalem, the Order  
of the Johannites.*

H A V I N G made mention of these, I remember still another Order, that is, the *Johannites*, or *Knights Templars of Jerusalem*, which did first begin in the reign of *Baldewin de Burgo*, the second of that name, and the third King of *Jerusalem*. This Order is more secular than divine, and therefore quite differing from all the rest, for they need not to say *Mass*, nor perform any other devotion; but when they have heard *Mass*, and said so many *Pater-Nosters* and *Ave-Marias*, they have sufficiently discharged their office. This Order was first invented by his Holiness the Pope to that end, and endow'd with many privileges, that they might resist and oppose the *Turks*, and that all Infidels and Heretics might by them and their adherents, by force of arms, be driven and routed out of the *Roman* empire. And that he might promote this design of his more earnestly, he took in those chiefly that were well born, and had great revenues (as Princes, Counts, and other Noblemen). So it hath often happen'd formerly, chiefly when Popery was in a flourishing condition, that along with the Pilgrims, that had a mind to see the holy places, and to go to the Land of Promise, many persons of quality came, moved thereunto out of great zeal, together with them, to see them also, and to take upon them the order of that Knighthood, in the Sepulchre of our Lord Christ, as the proper place for that purpose. And besides that, other considerations there were which moved them to it, *viz.* The high title, and the authority of the place, and great privileges, whereby they hoped to be still preferr'd to greater dignities. Now as every one of them had laid before them to consider these points and articles, which every one must promise and take an oath to

to keep them strictly, some great and potent men found it so severe and hard, as you may see by that what followeth, that they were not only astonish'd at it, but refused openly to take it upon them. But what is laid before them that are made Knights; and also what ceremonies are used in it, I thought convenient to mention here briefly.

If there be one or more of them ready for it; that have at the instance of the Guardian, according to the ancient custom, been at confession, and also received the Sacrament, *sub una Specie*, under one species, on mount *Calvaria*, they are with great ceremonies conducted from thence into the holy Sepulchre, whither are also convey'd some other things that belong thereunto, *viz.* A fine book, a sword richly tipp'd with gold, with a red velvet girdle, a chain weighing about a hundred *Hungarian ducats*, whereon hangeth a golden crois of this form and shape, a pair of spurs with red velvet straps, which are laid down one by another upon the altar of the Sepulchre. As soon as the Gentleman cometh into it, they begin immediately to say Mass, and after that they sing without some Latin Psalms. In the mean while the Gentleman lieth down upon his knees in the Sepulchre before the Guardian, until the Friars have done singing. Then the Guardian bids all that stand about, to say *Our Father* and an *Ave-Mariá*, in behalf of the Gentleman that is to be knighted. When this is done, he admonish'd the Gentleman, before he taketh the oath, to consider upon what condition he is admitted there; when this is done, he bids the standers-by pray for him once more, and then admonisheth the Gentleman again, and telleth him also, that hereafter he must be in all things subject and obedient to the *Roman church*; that he must fight and resist the *Turks* and *Lutherans* as Enemies and Heretics, so long as his blood and heart is warm. Then the Guardian asketh him farther, whether he doth receive all these points, (as they are written word by word in that book, and order'd by his Holiness the Pope, and subscribed by his own hand) and whether he will swear by the holy Sepulchre to keep them.



Whereupon he consents to it presently; and promiseth with great eagerness and joy to keep it with all his heart, and thanketh God that he hath made him worthy of this blessing, and for having made him capable of it. After this the Monks begin again a long song; and then the Guardian taketh up the three pieces, the chain, sword and spurs, and puts them on him, and so adorneth him as beginning Knight. At last he taketh also the book, and puts it before him, and telleth him once more what he is about, and what he is going to swear. When he hath understood it, he kneeleth down again, and puts out his two fingers, which the Guardian puts upon the red cross in the book, and readeth to him the oath; the contents whereof are these:

*First,* That upon his conscience he do swear there to these following words, Not with a false heart, but that he doth confess out of zeal, with great eagerness, and with a clean heart, and also swear by God's Omnipotence, the See of *Rome*, and his Holiness the Pope, that he is a good Catholic, educated in that religion from his infancy to that present hour; and that he never will go from it so long as he liveth, but will always defend and protect the *Roman* church against the *Lutheran*, and their adherents, with words and deeds, so long as his heart is warm; and that he will never be in a place where any evil is taught, or spoke of his Holiness the Pope. *Secondly,* That he doth swear by God's Omnipotence, and the Pope at *Rome*, and the Cross of *Jerusalem*, that he is a nobleman in the fifth generation, both by Father and Mother. *Thirdly,* He sweareth also, that he hath so good income that he need not to follow merchandizing, or any other trade, nor to borrow money, or to ask others for help, but that he hath so much that he can live upon his revenues, and keep three horses besides from year to year, for the service of the church of *Rome*; nay, if necessity should urge, and others should rise against the *Roman* church to molest it, that he will then always be willing and ready, besides the three horses, to assist her with all his utmost power. He must also promise that he will so long as he shall live, diligently attend at Mass, and hear four or five every day, and also that he will keep the fasts zealously, and eat neither flesh, nor butter, nor cheese, nor eggs, on them; and

and also that he will confess and receive the Sacrament once a month, or every six weeks at farthest, and send his family at least once a year in Lent-time to do the same. And also that he will not forget, to the honour and encrease of the said church, to remember her in his last will ; that he will protect and provide for the widows and fatherles ; that he will maintain the Friers and Nuns, and their monasteries ; and if by the Seculars any thing should be taken away from them, that he will not conceal it, but endeavour to the utmost of his power, as if it were his own, to recover it again. That he will assist those that would willingly turn *Roman Catholics*, and endeavour to bring them over ; but that he will keep none in his service, nor any ways assist them that do not firmly adhere unto it. Then there is also inserted, That he will say forty nine *Pater-Nosters* and as many *Ave-Marias* every day, and visit his Holiness the Pope once a year, and come into the seven church processions and perform his office ; and also assist at the Sacraments and other ceremonies with due reverence ; and also respect and honour the holy water. At length, to conclude, he is forbid to talk idly, to be drunk, to live loosely, and to commit sodomy, that he, being knighted, may not lead a disorderly life, and give to others ill example.

When then the Guardian hath read the oaths that are written upon parchment out of the book, the Chevallier kneeleth down again, and when he bendeth his face down, and leaneth with both his arms on the book, which lieth on the alfar-stone of the Sepulchre, the Guardian bids the Friers and Monks again to pray ; then he draweth out the sword, and maketh with the flat side of it three crosses upon his head and shoulders, saying : *At the command of God, and the See of Rome, and for the encrease of the church of Rome, I create you N. N. now a member of the Roman church, a Knight, in the name of the Father, Son, and Holy Ghost.* And farther he adds : That in the room of his Holiness the Pope of *Rome*, he doth absolve him of all his sins ; and that he doth also give him leave, and command him, by the oath he hath taken to his Holiness the Pope, to wear the usual red cross, as a sign whereby he may be known, publickly in his coat of arms, and on his cloaths. Also if he

please, to put him in mind, as often as he shall look upon it, what he hath sworn, and to keep it the firmer. When all this is over, and they have pray'd again, the Guardian wisheth him joy of his Knighthood, and rejoyceth with the whole convent that he is come to this aknowledgment, and is become a true member of the *Roman Catholic* church : that he and all his brethren will always pray for his long life, and that God may keep him in health, to the comfort of the See of *Rome*. Immediately approach to him all the Monks, while he is still standing in his ornaments, and call him Brother ; and when they have also wish'd him joy one after the other, the Guardiau beginneth the *Te Deum*, &c. and then he taketh all the ornaments away again from him. Afterwards he leadeth him about with the Vicar in procession to the holy places, to invest him also in every one of them ; when that is done they go to dinner.

Altho' in former years every body was not presently admitted (as you may see by what hath been here before said) except he were a Nobleman for several generations ; yet in our time it is come to that pass, that they admit every body to it without any strict examination, that can pay the money, which amounts to eleven or twelve ducats. Nay, every Pilgrim that doth intend to take upon him that Knighthood, doth pray and persuade his companions by the way that they would do the same, that he may in case of necessity still have some friends to assist him, for his Holines wants champions, because he taketh upon him the Civil Government as well as the Ecclesiastick, that when they can defend and prove their religion no longer by Scripture, they may defend and uphold it by power and strength of arms. Now as the Guardian, according to ancient custom, gives attestates to every Pilgrim concerning their pilgrimage, under his great Seal, that they may have it to shew, so he giveth also one to the Knight of the Order of St John of *Jerusalem*, and bids them to carry the letter themselves in person to *Rome*, to shew it to the Pope. This is sufficient of the temple of mount *Calvaria*, and it's holy places, and the Christians that are dwelling there, of their chapels, and of their errors.

## C H A P. XXI.

*A short description of some Places, Hills, Valleys, &c.  
that lye near and about Jerusalem. Of the mount  
of Olives, and it's holy places.*

**I** Having hitherto briefly described the situation of *Jerusalem*, and also related what buildings and holy places are still in being, and to be seen there, after it hath sustain'd so many wars, assaults and desolations, I cannot but speak of some adjacent places before I conclude. And so I begin with the mount of Olives, which lieth towards the east before the Temple-hill, over-against the Sheeps-gate, on the other side of the brook of *Cedron*, as the holy Prophet *Zachariah* xiv. 4. testifieth, when he saith, 'And his feet shall stand in that day upon the mount of *Olives*, which is before *Jerusalem* on the east.' This mount is about a quarter of a league, or as St *Luke* saith, A Sabbath day's journey, distant from *Jerusalem*, pretty high, rough and stony, full of pleasant Olive-trees, from whence it hath it's name, and also others; as Fig-trees, Lemon, and Orange, and Citron, and *Siliqua*-trees, by the inhabitants call'd *Charnubi*, Turpentine-trees, and Palm-trees; the like I have seen but few, &c. There are also some good herbs, viz. a strange *Origanum*, *Tragoriganum*, *Roman Mother of Time*, *Spicinardi* and a peculiar sort of *Cenniza*, &c.

At the foot of the mount they shew us first a great church, between the rivulet *Cedron* and the valley of *Josaphat*, which was so cover'd with earth, that you could see nothing of it but the entry, and before it without a large place three steps deep. This church was build by Queen *Helena*, mother of *Constantine* the Emperor, and call'd, the Sepulchre of our Lady the Mother of God; to go into it, you must go down forty four steps. Within it towards the right, there is a small

chapel, where they say our Lady was buried ; and therefore, by the benevolence of the Pope, there is distributed and given to the Pilgrims, full forgiveness of all transgressions and punishments for ever. Some are of opinion, that this church did formerly stand even with the ground, and that after the devastation of *Jerusalem*, when part of the valley of *Josaphat* was fill'd up, it was cover'd thus over. This church stands (as *Nicephorus* saith in his eighth book and the thirtieth chapter) on that place where the village *Gethsemane* stood, whereby the garden was whither our dear Lord Christ did, just before his passion, go with his eleven disciples, after he had eaten the Paschal Lamb with them, and given thanks, according to his usual custom, over the rivulet *Cedron*, to regain us that which was formerly lost by our ancestors in the garden. There he left his eight disciples, while he went to pray, as the Scripture tells us ; when he took with him *Peter*, *James* and *John*, the two sons of *Zebedeus*, and began to mourn, to quake, and to tremble, and said to them, ‘ My soul is sorrowful unto death, stay here, watch with me, and pray that you enter not into temptation ; ’ and he withdrew from them about a stones cast, where he kneeled down, fell three times on his face, and pray'd to his heavenly Father, where he wrestled with death, and sweat a bloody sweat, so that an angel must come down from heaven at last to comfort him. This place is underneath a great rock that hangeth over a great cave, just at the entry of the valley of *Josaphat*.

This valley is still, where it cometh down from the mount of *Olives*, pretty deep, and is call'd by the holy Prophet *Joel*, chap. iii. 14; the *valley of Judgment*; which words of *Joel* give us to understand, that the Lord, as he was (when he first came upon the earth) in this valley taken prisoner, bound and carry'd away to the place of his bitter suffering, crucifixion, and dying, so he shall in his second and glorious coming, appear in this valley of *Judgment* again to judge all people of the whole earth, &c. that then the impious shall see whom they have pierced. *Zacharias* speaks also of it in the above-mention'd place.

As you go from thence to the mount of *Olives*, you see below towards your left hand, near unto the bridge of the river *Cedron*, an old square building like unto a steeple.

steeple. This, altho' it is believed to this day not only by Christians, but also by *Turks* and *Moors*, to be the grave of *Absalom*, as you shall see them fling stones into it as they go by, to revenge his undutifulness shewn to his father King *David*, yet notwithstanding he was not bury'd there, as we read in the second book of *Samuel* xviii. 17. ‘ And they took *Absalom* and cast him into a ‘ great pit in the wood, and laid a very great heap of ‘ stones upon him.’ Yet for all this, when *Absalom* was alive (as you may farther read in the before-mention’d chapter) he erected a column in the king’s dale, for he said; ‘ I have no son, therefore this shall be for a re-‘ menbrance of my name,’ and call’d this pillar after his name ; and it is still call’d to this day *Absalom*’s place. Of this pillar writes also *Josephus* in the seventh book of his Antiquities and the tenth chapter, saying, And *Absalom* did erect a kingly column of marble in the valley (*Genes.* xiv. it is cali’d the King’s valley) that is two furlongs from *Jerusalem*. Just by this pillar beginneth a very steep sooth-path, which parts a little above it into two, one whereof goeth southward, at the bottom of the mount of Olives towards *Bethania* and *Jericho*, &c. down thro’ the valley that is made by this and the other part of the hill, call’d *Majbit* in the fourth of *Kings*, chap. xxiii. but the other goeth over the height of the mount of Olives out by *Bethania* to the house of *Mary* and *Martha*. A little higher on this hill did our Saviour sit, over-against the temple, when he foretold his disciples that shewed him the glorious buildings thereof, ‘ That not one stone ‘ should remain upon another that should not be thrown ‘ down ;’ and did also tell them at length, the terrible and prodigious signs, that should come to pass before the desolation of *Jerusalem*, and the end of the world. To this day we still see into the *Turkisb* mosque, with it’s large paved court-yard, over the walls thereof so perfectly, that you may distinguish almost the persons that walk there. From thence, when you go up to the hill, which is very steep and rough, there is a large plain, from whence our dear Lord Jesus Christ was taken up, and ascended into Heaven, as you may see by the words of the holy Evangelist St. *Luke*, in his first chapter of the *Acts*, vers. 9. where he saith, ‘ And he was taken up, and a cloud re-

' ceived him out of their sight,' and verse 12. ' Then return'd they unto *Jerusalem* from the mount call'd ' Olivet, which is from *Jerusalem* a Sabbath-day's journey.' On this place, as *Nicephorus* mentioneth, did Queen *Helena* also afterwards build a stately church, which now is so decay'd, that there is no more to be seen of it but a new built chapel in a large yard surrounded with a wall. Just by it on a hill of the mount towards the north and *Galilea*, there is an old and decay'd building, which was formerly (as my guide inform'd me) an inn for the *Galileans*, where commonly did take up those that went to *Jerusalem* from *Galilea*. Wherefore they are of opinion, that some of them were there in the time of Christ, that also were spectators of his glorious ascension, as it doth appear by the words of the two Angels, that spoke to them, and said, ' You men of *Galilea*, why stand you here gazing up into heaven, &c.' But if you duly consider these words, you will find, as you read it in the *Acts* ii. 7. that the Apostles themselves were these *Galileans*, where it is written : ' Behold, are not all those which speak *Galileans*? and how hear we every man in our own tongue, &c.' So did also the holy Angels speak to the Apostles after the same manner, and call'd them *Galileans*, rather to bring them, as Elders of the Christian church, off their wordly thoughts, which they had eoncceived in their hearts, of the restoring of the worldly regiment or kingdom again, which they should have left, and instead thereof look'd upon the heavenly kingdom, whereinto Christ was ascended, into the kingdom of God, whereinto they were received as members, which is a more spiritual kingdom, that doth not consist in outward things, eating and drinking, &c, but in a clean and faithful heart. After this they ought to strive, and to make it their only busines, that it may be notify'd to all men, and be spread abroad all the world over.

From the top of the mountain, you have a prospect over all the holy land, towards the north over the valley *Josaphat*, which is just at the bottom of the hill, into the country of *Galilea*; towards the east, over some naked mountains, down into a large field which extends itself to the Dead Sea, that is, as *Josephus* mentioneth, twenty nine leagues long, and fifteen broad, whereof the Scripture

ture maketh mention, chiefly the books of *Macchabees*, and in the second of *Samuel*, chap xv. where it is written, 'That when King *David* did fly from his son *Abdalon*, he tarry'd in the plain fields until he had intelligence of him. In these is still remaining the pillar of salt that *Lot*'s wife was turn'd into, when she, against the command of God, turn'd to look back to the city. The famous Historiographer *Flavius Josephus* did in his time see it in his own person ; and the Pilgrims visit it to this day, and beat off of it some small pieces, as they do every where, chiefly in holy places, and yet it is found still whole, and without any defect ; which did put some Pilgrims, that went to the Dead Sea, into great admiration. Now that they might be certain and be assured of the truth of the common assertion, That whatsoever was broken off of this pillar, was always found whole again ; they did, chiefly one of them, (as I was informed by one that had been there before) knock off a whole hand, and took it away with them. Now after they had been at the end of their journey, and came back again, and went to look for it on purpose, they found it whole again, and exactly like unto the old one as it had been before. Farther beyond the plain fields, at the other side of *Jordan* that runs thro' it, there appear the *Arabian* mountains, that were inhabited by *Ruben*, *Gad*, and half the Tribe of *Manasse* ; they are very high, and afford very good pasture for the cattle ; some among them were much noted and famous of old, as the mountain of *Seir* beyond the Dead Sea, mount *Garizim* and *Ebal*, whereof is made mention in *Deuteronomy* chap. xxvii. and also chap. xxxii. of mount *Abarim*, *Nebo*, and the point of *Pisgah*, situated in the land of the *Moabites*, over-against *Jericho*, which together with all the adjacent places are very well seen ; as well as towards the west the rivulet *Cedron*, and the situation and largeness of the city of *Jerusalem*. After we had look'd about sufficiently, we went down to the place of the village *Bethphage*, which is at the other side on the ascent of mount Olivet, and belongeth to the Priests of *Jerusalem* ; this is so ruin'd, that now-a-days there is nothing left of it save only a few foundation-walls. Into this did Christ send his disciples, to loosen the she-asl and the colt which was ty'd to the door in the road, and to bring them to him,

him, whereon our Lord Christ also did ride to *Jerusalem* five days before he suffered, being the true Saviour.

Before it the mount is pretty plain, and is very rough and rocky, wherein *Bethania* lieth on the right hand upon one ascent, of the other part of mount Olivet, as is before said, but the village of *Mary* and *Martha* (whereof you read in the Gospel of St *John*, chap. xi.) is farther out by the beginning of the road towards *Jericho*, which is still very dangerous, because of the *Arabian* vagabonds. In these habitations did our dear Saviour oftentimes take up his lodgings with them ; and in the same did *Mary* the sister of *Lazarus*, and *Martha* anoint the feet of our Lord Christ with a precious ointment of *Nard*, and dry them again with her hair ; in our days they are quite desolated, and nothing left thereof but ruins. Near it as you come back again to *Bethania*, in the plain lieth a large stone, where also you may see the above-mention'd places very plain ; where they say that *Martha* did meet the the Lord, when he came up the steps, and rested on the mount, and talked with him of the resurrection of her brother, before her sister *Mary* did know any thing of the arrival of the Lord. Wherefore she went back again into their village, to call her sister *Mary* secretly, who, when she heard that our Lord Christ was near at hand, did hasten and went to him, for he was not yet come into the village, and fell down at his feet, and said weeping, ‘ Lord, if thou hadst been here, my brother had not dy’d ;’ then he groaned in his spirit, and enquired presently after the place where *Lazarus* his dear friend was laid, and went with them to it to *Bethania* that village, distant a league, (about an hours going,) or as the Scripture saith: about fifteen furlongs from *Jerusalem* on an ascent; wherein was a small chapel, and underneath it a deep cover’d cave, wherein *Lazarus* had lain four days, as you may also see in the before quoted chapter, where it is in the thirty eighth verse said : ‘ It was a cave, and a stone lay upon it.’ When the *Franciscan* Friars would go to the grave of *Lazarus*, they were forced to go through this village, and a great concourse of the poor inhabitants used to flock about them, and did surround them, and detained them till they gave them something to be distributed amongst them ; that they might evade this trouble, and

and not be necessitated to go thro' this village, when they go to the grave; they have made behind at the other side on the height another avenue, but they do not escape the *Mobile* for all that, for they meet them notwithstanding, chiefly, if they know or have intelligence, that any Pilgrims came along with them to see the grave; so we did find it, for they came and kept us lock'd up in it so long, till we had given them so much as did satisfy them. As you come out again from *Bethania* towards *Jerusalem*, the Friars shew an old building, where *Simon the Leper* did dwell, in which when Christ was at the table, *Mary* the sister of *Lazarus* did come, and did break again, yet several days after, a glas of precious unguent of *Nard* over his head, which fill'd the whole house with a fragrant scent; which pleased Christ so well, that he took her part against his disciples, and commended her proceedings so highly, that it is recorded to her perpetual memory. From thence if you come nearer into the valley between the mounts of Olives, there is still to be seen several fig-trees whereabouts Christ did curse one of that kind, because he found no fruit thereon when he was hungry. Just at the coming out of the valley near unto the steps of mount Olivet, you see the city again, but chiefly the mount of the temple and gate where you go up, walled up in the new wall. From this valley, when our Lord Christ came in sight, and came down the mount Olivet, the people, as he came riding along, cry'd, saying, ‘Ho-fanna, to the Son of David, &c.’ and a little after when he came nearer unto it, he lamented with tears also their future misery, and the terrible destruction of the town, and went in from thence towards the golden gate into the temple and drove out the buyers and sellers.



## C H A P. XXII.

*Of the Bethlehem, the mountains of Judea, and their famous places. Where also is made mention of my returning back from Jerusalem to Tripoli.*

**BETHLEHEM**, formerly called *Ephrata*, is situated towards the south, twenty furlongs, or a German mile distant from *Jerusalem*. The nearest way to it, you go through the gate of *Hebron*, and come to the right by the upper mote, and the bloody field, up the steps over mount *Gibon*, where just before you see a cistern with good fresh water near the path, made of white stones, and well prepared; near which the star did appear again unto the three wise men of the eastern countries, and led them into *Bethlehem*. Near it there groweth a Turpentine-tree larger and higher than any that ever I saw elsewhere in my life. Farther, about half way, you pass over a hill, at the top whereof you may see both towns, *Jerusalem* and *Bethlehem*. Before you is a large valley, which, altho' it be rocky, yet it is fruitful both of corn and wine. In it, towards the right hand near the road, is an acre called the *Cicer* field, which had it's name (as I was informed) from the following transaction. It is said, that when *Christ* went by at a certain time, and saw a man that was sowing Cicers, he did speak to him kindly, and asked him what he was a sowing there, the man answered scornfully, and said, *He sowed small stones.* Then let it be, said our Lord, that thou reap the same seed thou sowest. So they say, that at harvest time, he found instead of the Cicer-pease, nothing but small pebbles in shape, and colour and bigness, like unto them exactly. Now whether there be any thing of truth in it or no I cannot affirm; but this I must say, that there are to this day, such stones found in this

this field. For, as we went by, some of us went into it, and did gather a great many of them that were in bigness, shape and colour, so like unto these Cicers (by the Arabians called *Ommor*, and in Latin, *Cicer arietinum*) that we could hardly distinguish them from natural ones.

Hard by it, you shall see still some old ruins of old stones, where first *Abraham* the Patriarch did build a tent as you read in *Genesis* xii. 8. And he removed from thence unto a mountain on the east of *Bethel*, and pitched his tent, having *Bethel* on the west, and *Hai* on the east. *Sennacherib*, the King of *Affyria*, when he went before *Jerusalem*, did come into this valley with all his might and power; and had by the angel of the Lord in one nights time, one hundred and eighty-five thousand men slain; and still to this day, there are two great holes to be seen, wherein they flung the dead bodies; one whereof is hard by the road towards *Bethlehem*, the other towards the right hand over-against old *Bethel*; which town fell to the children of *Benjamin*, and is called still to this day *Bethisella*, and is situated half a league farther towards the west, at the foot of the hill, in a very fruitful country. There did *Jacob* the Patriarch when he fled from his brother *Ezau*, see in his sleep the ladder which reached up into heaven, whereon the holy angels ascended and descended, wherefore he erected there a stone for a mark, and called the place *Bethel*, which was called *Luz* before, as you may read in *Genesis* xxviii. As you come nearer to *Bethlehem*, you see the grave of *Rachel* at your right hand near the road, which *Jacob* did erect there, when his wife died in labour with *Benjamin*, as you read in *Genesis* xxxv. 16. ‘And they journeyed from *Bethel*,’ and there was but a little way to come to *Ephrath*: and verse 18. ‘And it came to pass as her foul was in departing (for she died) that she called his name *Benoni*; but his father called him *Benjamin*; and *Rachel* died, and was buried in the way *Ephrath*, which is *Bethlehem*. And *Jacob* set a pillar upon her grave; that is the pillar of *Rachel*’s grave unto this day.’ Before you come quite thither, there is just by without it, on the left, a good rich cistern, which

deep and wide. Wherefore the people that go to dip water, are provided with small leathern buckets and a line, as is usual in these countries ; and so the Merchants that go in caravans through great deserts into far countries, provide themselves also with these, because in these countries you find more cisterns or wells, than springs that lie high. This was formerly under the gates of *Bethlehem*, wherof King *David* longed to drink ; wherefore his three champions did break into the camp of the *Pbilistines*, and did dip some water out of the well, and brought it to the King ; but the King would not drink of it for certain reasons, as you may read in *Samuel* chap. xxiii, and in *I. Chronicles* chap. xii. From thence we went by the path of the mount into *Bethlehem* the town of *David*, where he was born and anointed King by the Prophet *Samuel* ; it lieth upon an ascent, it's buildings, town walls and towers are so decayed, that now it is quite open, and nothing at all to be seen, except the well and monastery, but ruined cottages.

Just without *Bethlehem*, at the other side of the path, towards the east, for formerly the town reached so far, they shew still the stable under a large rock, wherein *Jesus Christ*, the promised *Messias*, God and Man, was born of the immaculate Virgin *Mary*, and laid in a manger. Of his coming, and the place where he should be born, the holy prophet *Micah* long before prophe-sied in his fifth chapter, and second verse, saying : ' But thou *Bethlehem Ephrata*, though thou be little among the thousands of *Juda*, yet out of thee shall he come forth unto me, that is to be ruler in *Israel* ; whose goings forth have been from of old, from everlasting.' On that place hath *Helena*, mother of *Constantine* the Great, also build a stately church ; but since it is so ruined and demolished, that hardly half of it is left, as one may see by the old walls of the foundation, and other places and arches that are still left without ; yet that part that still remaineth standing, is very large, covered with lead at top, and is so glorious a building, that one shall hardly find a better any where. For within it is paved with white marble all over, and upheld with a great many large and high marble pillars, each

each whereof is about nine spans in diameter ; I told about fifty of them, they stand without before the chancel (and underneath them is the place of the holy and joyful birth of our Lord *Jesus Christ*) in four rows one behind the other, and so give a glorious ornament to the whole church. There are also be seen on the arches and the walls about, some fine histories taken out of the Old Testament, made in *Mosaick work*, laid in with colours very artificially ; and are still so plain to be seen and discerned, as if they were made but the other day. The cave wherein *Christ* was born, hath without, on each side of the chancel, underneath which is a peculiar way into it, one against the other, the doors thereof are commonly locked up, because behind the church, there is still another, through which they generally go down into it ; therein is below at the right hand still another less one, going down two steps more, which is the true stable, wherein our Saviour *Jesus Christ* did lie in the manger between the ox and ass ; so there is still in the same place made a marble one very well wrought. Without before it we put off our shoes, and went in with the father Guardian into the holy place. Where, when I considered the joyful birth of our Lord *Jesus Christ* ; where he, as the true long before promised *Messias* and Saviour was born ; I was affected, as if I saw the child wrapt up in swaddling cloaths, and lying in the manger, disguised in our mortal flesh and blood, yet without sin, that we as children of wrath and eternal damnation, might be received again by God his Heavenly Father, as his children unto everlasting salvation ; that did humble himself so low, as to be born in a dark stable in the miserablest poverty, that he might bring us out from the filth and mire of sin wherein we lay, into the parlour of his Heavenly Father. ‘ Seeing then, my dear Lord *Jesus Christ*, that thou art come to us into the world, as the true light, to make of us, that were children of darkness and eternal damnation, children of light and eternal salvation and felicity ; I return unto thee, O Lord, for these thy unspeakable benefits, eternal praises, and seeing that thou hast assumed our flesh and blood, and hast also caused these thy merits and be-

‘ nefits

' nefits to be by thy holy angels pruffered to me ; therefore I pray thee let me come to thee with the poor sheep-herds, and see thy saving incarnation, give me and us all thy grace and holy spirit, that we may comfort our selves with this thy blessed birth; against our sinful and impure one, constantly and without cessation, that we may rejoice in it, in good and bad times, in tribulations and adversities, in prosperous success and ill fortune, in the time of this temporal life, heartily, until at length we shall, in the life to come, see thee with all the elected ones; face to face, to all eternity.' Amen.

This cave is underneath about the walls, lined with long tables of grey marble, adorned with blue, artificially laid in; the rock that cometh out over the stable only excepted. Just by the furthestmost entry of the fine chapel there are others, in one whereof St *Jerom* did live, and did translate the Bible out of the *Hebrew* and *Chaldean* languages into the *Latin*. In another near it, lieth buried the noble pious *Roman* lady *Paula*, with her daughter *Eustachia*. Who, after the decease of her husband, went thither to St *Jerom*, where she led all the rest of her days in Christian piety, until at length she died in the Lord. From thence we came up again into the church, wherein without close to the chancel on each side, were to be seen two altars, covered with good large marble; on one thereof on the left, the father Guardian did shew me the effigies of the old *Simeon*, holding the child *Jesus* in his arms, and in the manger still another, with this admonition. ' That from hence we may see, conclude and learn, that it is not culpable at all to have images, seeing that nature itself alloweth so much unto stones; that images may grow in them. Wherefore they are not only not to be forbidden, but rather to be honoured.' what every Christian ought to think of this, being quite contrary to the holy Scripture, every child that hath but begun to learn the Catechism, can easily and sufficiently decide. The *Franciscan* monks have near the church, a large and pleasant habitation, and also by it great gardens (rich of fine plants and good fruits) defended round about with high walls, against the incursions

cursions of the *Arabians*, which they make daily. *Bethlehem* lieth high, surrounded by the hills of *Judea*, as you may see by the words of *Jeremiah*, chap. xxxi. verse 15. where he doth prophecy the murdering of the children, which cruel tyranny *Herod Ascalonit* did a great while after in Christ's time execute, the words are these: ' Thus saith the Lord, a voice was heard in ' *Ramah*, lamentation and bitter weeping: *Rachel* ' weeping for her children, refused to be comforted for ' her children because they were not.' In this monastery, because it lieth at the top of the path, you see with pleasure, as well as on mount *Olivet*, the confines of *Jericho*, and the Dead Sea, and the mountains of *Arabia*, but chiefly within the space of a league and a half towards the south, a great and high hill, which extends itself much farther than the rest; whereupon, in former years, the strong and mighty castle of *Thecka* was built, whereof the holy Prophet *Jeremias* maketh mention in his sixth chapter, and also *Amos* (who did prophecy there) in his first chapter. The Christians had this in possession a great while, and did keep it against the Infidels and Heathens for above thirty years after *Jerusalem* and the Holy Land were taken; for they had corn, wine, water, and other necessaries, abundantly of their own growing, so that they might have kept it longer, if a great contagious distemper had not got among them, which did increase to that degree, that they were forced to leave it, and to retire to more healthy places. When the Heathens did understand that the Christians were marched off, they fell into the castle with a great multitude, tore it all to pieces, and did demolish it to the very ground, so that now one cannot discern that such a one did stand there before. But this lost troop of the Christians, did at length settle themselves on mount *Libanus*, and began to inhabit it, where they are still remaining in our times, and call themselves (as I have told you before) *Truci*. About *Bethlehem*, there are some valleys very well tilled with corn and vines, and among the rest a very pleasant and fruitful one that beginneth immediately by the church and fountain, and runs down towards *Jericho* and *Jordan*. This is below

pretty wide, full of Olive and Fig-trees, it also bringeth forth some comfortable herbs, viz. some strange *Origanums*, *Tragoriganum*, *Roman Serpillum*, which the *Arabians* call *Sathar*, *Absinthium Santonicum*, which groweth every where in the Holy Land, this hath small ash coloured leaves, very like unto them of ours, and many small stalks full of small yellowish seeds, it is of an unpleasant smell, very bitter, with a saltish sharpness, wherefore it is reputed to be the *Scheba* of the *Arabians*; from whence our Wormseed cometh.

In this valley were the shepherds, to whom the angels of the Lord did appear, and declared to them the saving birth of our Lord *Jesus Christ*, saying, ‘Behold I bring you good tidings of great joy, which shall be to all people; for unto you is born this day, in the city of *David*, a Saviour, which is *Christ* the Lord, &c. and suddenly there was with the angel a multitude of the heavenly host, praising God, and saying: Glory to God in the highest, and on earth peace, good will towards men.’ In that place, which is about half a league below *Bethlehem*, is still a church, which also Queen *Helena* did build, as *Nicephorus* testifieth in the thirtieth chapter of his eighth book, this is for the greatest part fallen in, so that nothing more but a small arch is to be seen of it. Hard by it did stand the tower *Ader*, as *St Jerom* writes, whereby *Israel* did erect a tent, (as you may read in *Genesis*.) and looked after the sheep with his twelve sons. This is in our time so demolished, that it lieth quite in ruins. Beyond it, in another valley, not far from *Bethlehem*, they shew still to this day a large orchard full of Citron, Lemon, Orange, Pomegranate, and Fig-trees, and many others; which King *Solomon* did plant in his days, with ponds, canals, and other water works, very pleasantly prepared; as he saith himself in *Eccles.* chap. ii. verse 5. ‘I made me gardens and orchards, and I planted trees in them of all kind of fruits; I made me pools of water, to water therewith the wood that bringeth forth trees.’ This is still in our time full of good and fruitful trees, wherefore it is worthy to be seen for their sakes, and also for the ditches sake that are still there.. Wherefore I really believe it

to

to be that same whereof *Josephus* maketh mention in his eighth book of the *Jewish Antiquities*, and the seventh chapter; saying, ‘ And the King rode in a chariot, cloathed in white, and it was his custom to ride early in the morning to a place called *Hetten*, a hundred furlongs from *Jerusalem*, where he had a garden with water pools and works very pleasant, and rich. Thither went the King for his pleasure; and did always use great diligence and consideration in all things, and took delight to see every thing neat and handsome.’ &c. After we had seen the chiefest places within and without, near and afar off *Bethlehem*, we returned to *Jerusalem* again by another way, that was near as far again about, and went over the mountains of *Judea*, which have first as you come from thence very good and fruitful valleys, full of vines and corn, but the nearer you come to *Jerusalem*, the higher and rougher are the mountains. In this way, half a league from *Nebelschol*, the friers shewed us a well very rich of water, just by the road that goeth down to *Gaza*, this runneth into a small rivulet, wherein the holy Apostle *Phillip* did baptize *Candace* chamberlain to the Queen of *Ethiopia*; by it, is nothing else to be seen but a small church and a fish pond. From thence we came over high, rough and steep hills into the deserts, where St *John the Baptist* did lead his life in his young age, there is nothing to be seen but a very ancient chapel, and hard by it a delicate spring on the top of the hill, where we went up to refresh ourselves a little, with eating and drinking of what we had taken along with us. About the roads grow many trees, by the inhabitants called *Charnabi*, the fruit whereof is called *St John's Bread* in our country, and is brought to us in great plenty. From thence we had still a very rough and hilly way to the church and habitation of *Zachary*, whither the Virgin *Mary* did come (climbing over the hills) to give *Elizabeth* a visit, &c. Before it, a league distance nearer to the town, at the end of the valley *Raphaim* (whereof the holy Scripture maketh often mention, viz. in *Joshua* xv. and xviii. and in *I Chronicles* chap. xii.) stands in a very pleasant and fruitful place; the church of St *John the Baptist*; and by it, before

you come quite to it, falleth down the spring of *Nephthaab*, that is very rich of water. This church is very ancient, but yet pretty well built, and hath on the left hand as you go in, a deep and hidden cave, wherein *Elizabeth* did hide herself with *John* her child, that it might not be slain with the children of *Bethlehem* by the servants of *Herod*, whereof you may read more in the *Proto-Evangelium* of St *Tatob*, where it is thus written : ‘ When *Elizabeth* did hear, that among the rest of the innocents which *Herod* had commanded to be killed, her son *John* was also searched for, she did climb up the hills, and looked about her where she might hide him ; but when she saw no place there where she could preserve him, she sighed, and cried out with a loud voice, saying : O ye hills of *Gad*, take both the mother and the child ; for she could not ascend them ; the hill did open itself instantly, and took them into it, &c.’ But how afterwards *Herod* did search for *John*, and how he did threaten and exhort his father *Zachary* to tell him where his son was, and also how his servants did kill *Zachary* (not being satisfied with his answer) for it in the porch of the temple is at length related in the books of the martyrs of the learned and reverend *Ludowich Rabus*. As you come from the beforementioned church, nearer to the town of *Jerusalem*, there is still seen a large pillar, that is of great antiquity, and lieth very high between the mountains on a high hill, five furlongs off of *Jerusalem*, wherefore some take it to be ruins of the fortification of *Betzura* ; but as far one can understand by the books of *Maccabees*, that is situated more towards the east behind mount *Olivet*. Just before it, within, stands in the valley (that is full of pleasant Olive-trees) a very old, yet well built church, called the Holy Cross, whereof some *Greek* friers are possessed ; they pretend, that in that place the tree did stand, that was made use of for the cross of Christ : this we did soon leave, and went over a small height through the gate of *Hebron* again into *Jerusalem*, and made ourselves ready to return the next day again to *Joppe* towards our ship. And so we rewarded the father Guardian, their interpreter, and others that had conducted us, for

for their faithfulness and services done us according to our ability, to their full content and satisfaction, wherefore the father Guardian did freely give to each of us a certificate under his usual seal, that we had seen all the holy places which were named in it. This done, we went away, and came the next day to *Rama* towards *Joppe*. By the way, I found some *Lentiscus*'s, from whence the *Mastic* cometh, *Arbutus*, *Ilex*, and a strange sort of Willows, by the inhabitants called *Saffaf*, but by *Theophrastus*, *Elæagnus*, some Olive-trees, Palm-trees, white Mulberry-trees, *Sumach*-trees, and *Styrax*, from which cometh a sweet smelling Gum, called by the same name, that is brought from thence into our country; *Spartium*, *Lycium*, which is a strange shrub, and the juice thereof retaineth the same name, and is found sometimes in our Apothecaries shops; the King and Prophet *David* maketh mention thereof, under the Hebrew name *Hadhad*, by which also the *Arabians* call it, their speech running much upon the Hebrew. Hereabout grow also very many fruits (called *Siliqua* by the *Latins*, and *μεγάλα* and *μεγλονία* by the *Greeks*, but by the inhabitants *Charnubi*) whereof many are brought out to us, and are very well known by the name of St *John's Bread*. These are so common in these countries, that they esteem them less than we do the worst fruit we have, wherfore they give them to the cattle to eat. Wherfore it is probable, that the prodigal son desired to fill his belly with these fruits, which, as it appeareth by the Greek text, the hogs did eat, and yet could not have enough of them to satisfy his hunger. Besides these, I found also by the way many Turpentine-trees, by the inhabitants called *Botin* and *Albotin*, which are very common in *France*, chiefly about *Montpelier*, they have small green kernels, that are of a reddish colour, and hollow within, and are oftentimes basely sold and used by the Apothecaries for the true *Carpabalsamum*; for these and others abovementioned, as we read in *Nehemiah*, chap. viii. the *Israelites* did take bows, and made themselves tents of them to live in, during their great feast of Tabernacles. I saw also chiefly between *Rama* and *Joppa* some white *Barberry*-trees, which I took first for *Paliurus*, the third kind

kind of *Rhamnus*, unto which they are very like, except the fruits whereby I did discern them first, and besides, they are much higher, and their branches covered with a white bark. Now although they are not to be taken for the same, yet they are very like unto the second *Paliurus*, whereof *Theophrastus* maketh mention in the fourth chapter, and the fourth verse. Among the corn, I did find a strange *Origanum*, *Serpillum*; *Smilax aspera*, *Triones* of *Theophrastus*, whereof I have made mention above.

After we had made our selves quite ready to sail for *Tripolis*, whither we had about forty *German* miles, we went aboard the ship, and set sail with a fair wind. But this did not last long, for, as soon as we were out at sea, there arose one that was so contrary to us, that we hardly reached the confines of *Tirus* and *Sidon* the fourth day, where we arrived in our former voyage at night, as I have said before. I saw nothing of any buildings on the shoar, but some small houses in the place where formerly the town *Sarepta* did stand, which (as you may read in *St Luke*, chap. iv. and in *III Kings*, chap. xvii.) was situated near unto *Sidon*, or as *Josephus* writes in his eighth of the *Jewish Antiquities*, chap. xiii. between *Tyrus* and *Sydon*, in the country of *Phoenicia*, wherein the holy prophet *Elias*, during the great scarcity, did live a great while with a widow, and did restore her dead son to life again.

Departing thence, the night befel us before we gat overagainst *Sidon*, but we went so near the town, that we could see the houses, and some rocks butting upon them by moon-light. From thence, the nearer we came to *Tripolis*, the more the wind was for us, so that we arrived there on the first of *October* in the year 1575, in very good health and condition. Wherefore I give eternal thanks, glory and praise unto the Almighty God the Father, Son, and Holy Ghost. Amen.

## C H A P. XXIII.

*How I took ship at Tripolis in Syria, and sail'd back from thence to Venice, and travell'd home again to my own relations at Augspurg.*

**A**T my arrival at *Tripolis*, when I hoped that something might have been done for the good of *Hans Ulrich Krafft*, whom I left in prison behind, as is above mention'd, towards his deliverance ; that we, seeing we came out together, might have remained together a while longer, and have ended our journey to our content, I found there was not only nothing done to the purpose, but his cause came to be worse and worse, so that it was even or odd whether I should not have been cast into prison also, and beaten severely to boot. When thus he was detain'd in prison, I receiv'd a letter and command, as well from his adversary, as from my own friends, desiring me to take the cause in hand earnestly, to bring them both to an accommodation ; and that if I would do so, I shculd do him greater service, than if I should stay a whole year longer at *Tripoli*, expecting his deliverance. Now altho' many means were used after my departure, for his liberty, yet they proved all fruitless, unsuccessful and vain, so that he was forced to spend three intire years miserably in this severe *Turkisb* imprisonment, until at length he was miraculously deliver'd. Wherefore I got everything ready for my departure, and went aboard the ship called the *St Matthew*, on the day of *St Leonhard*, being the sixth day of *November* in the year 1575, having first taken my leave of the above-mention'd my dear friend *Hans Ulrich Krafft*. whom I loved as my own brother, and the next day we put out, having a very good wind. So our navigation proceeded in the beginning very successfully, and we discover'd on the third day early the great island of *Cyprus*. But when we approach'd unto it, a hurricane arose suddenly, and blew so fiercely upon us, that it wound

our great sail round about our main mast, so that it was a wonder to me, that it did not bring it by the board, or (as it would if the seamen had not struck it down immediately) turn the ship over, and sink her. These winds arise from a wind that is call'd by the Greeks, *Typhon*; and *Pliny* calleth it *Vertex* and *Vortex*; but as dangerous as they are, as they arise suddenly, so quickly they are laid again also. The seamen pretend, that one shall sooner perceive them in the ship below, because they come up from the depth of the sea, than above deck. After this had continued about a quarter of an hour it was quite over, so that it was perfectly calm, and the sea very quiet. So our seamen hoisted up their sail again, and steered towards the *Capo del Græco*, with an intention to run in still before sun-set into the harbour of the metropolis call'd *Famagusta*; but before we were aware of it, another wind arose that did send us back again, so we stood out at sea, and went on with it so well, that we passed the island that is one hundred and sixty *Italian* miles long. Not long after the wind did change, and it came to be foul weather, and so contrary to us, that we went on but very slowly, and we were forced to drive upon the sea only for several days, until at length we came before the land of *Pamphylia* and *Lycia*, which came in sight now and then, nearer to the island of *Rhodes*; then arose a northerly wind that helped us into our true road again, and blew so fresh, that in a few hours we went by that mountainous island *Scarpantus*, and afterwards by *Solomon's* point of the isle of *Candia* out towards the south, which is forty leagues farther; and we had been almost quite thrown over into *Africa*, if we had not sheltered ourselves under the next mountains, so we got clear of the noise and turbulence of the wind and sea; but instead of that our ship came so near unto the shoar of *Candia*, that we feared every moment to have been shipwreck'd, which had certainly befallen us, if our *Nacchier*, that managed the sails, with his seamen (who wrought very hard, until they brought the ship out at sea again) had not for two days and nights done their utmost endeavour. When we kept thus out at sea, foul weather befel us again, and contrary and rough winds blew afresh, so that it was very dangerous

dangerous sailing ; wherefore our master as well as the men thought it best to get into an harbour ; but finding that it was very dangerous to get in there, they went back again to the island *Calderon*, which lieth not above a *German* mile from *Candia*, to land there, and to stay for better weather. This island is small, and so rough and sandy within, that it cannot be inhabited ; but yet being full of bushes, those of *Candy*, turn, chiefly in the summer, their cattel into it. Here I found a kind of Mandrake with blew flowers in great quantity, and also very many *Oxycedri* like unto our Juniper bushes, which are almost as high as our Pine-trees. When we, during this hard weather, were in this island *Calderon* for shelter, we saw sometimes clouds in the shape of a pillar, that came down from the skies to the next mountain, and so extended themselves sloping down into the next sea. *Pliny* makes mention also of them in his forty ninth chapter of the second book. When this did touch the sea, it begun to suck, as it were, thro' a spout so fiercely, that the water began to move in that place, as if it were in a storm, so that we could not only hear the noise, but also see the great motion thereof. In the beginning it was pretty clear, but the longer it remained there the darker it grew, until at length it arose up again and ascended into the skies like unto a thick cloud. Wherefore it may very well be, that sometimes worms, frogs, fungusses, snails, muscles, &c. may fall down with the rain, chiefly in those places that are near to the sea ; for I have myself seen it many times in my travels between *Bononia* and *Florence* on the high mountains, where I have found several of them. When the wind blew fair for us again, and we had sufficiently provided ourselves with wood and fresh water, we hoisted up our sails again and came away ; and at length, not without great labour and changing of the wind, we got out before the island of *Candy*, which is about two hundred and fifty *Italian* leagues long, into the open sea, with an intention to go strait away for *Venice*. In the mean time one of our seamen did catch on a hook, that he had baited with some meat, a large fish, by the Latins call'd *Lamia*, but this fish being of some hundred weight in bulk, he brought him upon the hook by degrees to the ship,

ship, then they fastened a rope about his gills, and so drew him up very safely. When they did cut it open to salt it, I found that it's bones were but very small, and not harder than a cartilage. They gave us now and then some of it to eat, but it was so much salted, that we could not eat it, so that at last they were forced to leave it. Soon after one of the Pilgrims, that was a Priest at *Lille* in *Flanders*, got a bloody flux so violently, that he was in danger of his life, so I took care of him, and gave him what physic I had by me in the ship. When we came to the island of *Ceryga*, else call'd *Cithera*, belonging to the *Venetians*, lying near to the *Morea*, (from whence *Paris* took away the Queen of King *Menelaus*, and carry'd her to *Troy*) upon a sudden a hurricane arose towards night with blowing, thundering and lightening, so that we at several times did despair of our lives. For when the waves swelled as big as large rocks, and pressed very hard upon our ship, so that they did fling it now on this, and then on the other side again, with great violence; so that not only our goods, arms, trunks, and boxes were tumbled up and down in the ship, but that also we were forced to take great care of ourselves during this tempest, that we might not tumble over board, of which we were in great danger. But how terribly feaver this looked in the dark night, yet it still increased; for in a little while after the place that held the cannon shot that were near unto the steerage, where I hid my cabin, broke open, so that the balls ran up and down over all the ship according as she rolled. Soon after the beating of the waves knock'd off the garland that was behind at the outside of the ship, and left some nails about a finger thick, that held it in the wood, with such a power, that one might hear it almost all over the ship. After all this the great sail was also torn off and fell down into the sea, so that we thought no less than that we were all lost; for then the ship was wholly left to the mercy of the roaring waves, that flung her, and tossed her about like a football from place to place, (which you may deduce from thence, that the Guardian that held himself fast by the main mast upon the deck, was sometimes above a man's depth under water) so that every moment we expected to be overturned, and drown'd. Yet in all this calamity,

we did not give over all, but did what we could for our safety, seeing that we could not do what we would, we stood together and pulled the sail out again, yet we did not all pull together, for it was so dark that we could not see one another but when it lightened, and in the place of the torn one we put up another new one ; for generally in such ships they are provided with two sails, and also with two masts and rudders. After the seamen had put on the new sail, not without great labour, difficulty and danger, they fell down upon their knees, and began to pray to their intercessors and patrons, which every one chuseſ for himself, by their names, ſome to *Peter*, others to *St Paul*, others to the holy Virgin *Mary*, but chiefly and before all the rest to *St Nicholas*, who in the like imminēt dangers, neceſſities and calamities, hath oftenest before all the rest ſhew'd himſelf by ſundry tokens, according to their opinion, ready to affiſt and to help, ſo that they might be ſure of his help, and ſo comfort themſelves with a certain delivery.

After they had ſaid their prayers, they let me understand that they had ſeen three burning candles on the top of the main mast, wherefore ſome of them for joy vowed ſolemnly to go a Pilgrimage to certain Holy Places, or else to give a certain Sum to one of their churches. This tempeſtuous weather held on all the night long and also for a great part of the next day, ſo that the ſeamen prayed three ſeveral times ; I cannot juſtly tell whether I was more aſtoniſhed at their prayers or at the tempeſtuousneſs of the ſea, but chiefly when I understood, that they ſought, without *Christ* our true Saviour and Helper, in this great danger to others, and ſuch that did not only know nothing of us, as we may ſee by the words of *Eſaiab*, when he ſaith, *Abraham knoweth nothing of us, and Israel doth not know us* ; but that they alſo (if they had been ſtill alive) would have directed us themſelves to the true and only Mediator *Jesus Christ*. And ſo we read, That the virgin *Mary* her ſelf did not know what was become of her Son, until ſhe found him ſitting amongſt the teachers in the temple of *Jerusalem* : and alſo at the wedding of *Cana* in *Galilea*, ſhe did direct the ſervants (that told her that they wanted wine) herſelf to her ſon our Lord *Christ*, (that they might not look upon her any more)

(more) when she faith to them, *What he bids you so do.* Seeing then that the saints will not receive such honour that only belongs unto the Lord, and on the contrary, the Lord bids us come to him, I turned from them all to *Christ* (when our ship was almost quite covered over with the waves) to awake the *Lord* as his Disciples did when he was asleep, saying, *Lord help us or else we perish;* and with the Apostle St Peter, *O Lord save and deliver us, let us not sink down quite, but draw us out from the depth of the sea, and preserve us graciously in this great danger.* This tempest made our seamen so distracted, that they did hardly know whether, and how far the weather had drove us out of our way, until we came quite about the *Morea*, and saw the Island *Zant* (formerly called *Zacynthus*). This we left on our right, and did go strait forwards to the next Island of *Cephalonia*. This is about 250 leagues distant from *Candy*, and doth belong as well as *Zant*, to the *Venetians*, and had over against us a fine large and strong port called *Argostala*, before which it was 14 days before we arrived : towards the left, a ship (being under full sail before a strong wind and missing the entry) was staved all in pieces. Into this we got (the Lord be thanked) safe, and remained there for some days to refresh ourselves. Just behind this island is the channel *Viscardo*, wherein the great *Armada* of the *Christians* did ride against the *Turkish* ones, until at length it came to a fight before it, where the *Christians* obtained a glorious victory. After we found our selves in a safer and quieter place than we were before, and did hope quickly to get good bread also, instead of our old black and worm-eaten biskets (which had been loaden in *Spain* a great while agone, wherewith we had made shift a good while) some of us went the next morning into the next village (which was pretty large) to buy some. But we did miss our aim very much ; for being that the inhabitants continually and hourly feared that the *Turks*, whose *Armada* was not far off, would make a descent, upon them, therefore they conveyed all the goods they had into the castle, that we could see lye very high beyond the great harbour, and had kept no more but what was necessary for their daily use ; so that no provision at all was to be had or found : And they had so little bread, that

that we went about in the village from house to house and could hardly get for money as much bread as would serve us for our dinner. But as for wine they let us have what we would, which was red, and very good, which the Merchants knew very well; wherefore they bought a considerable quantity thereof, to carry to *Venice*, and so did our ship's master also. We also found many small grapes growing there, on the vines, as many as I saw of them, are rather less and lower than ours in our vineyards. During this our tarrying, our pilot being sick, so that he was not able to direct the ship any farther according to the compass, our master strove to get another, and that the rather, because the *Adriatick* sea, wherinto we expected to come daily, is very dangerous, because of it's narrowness, plenty of islands, and hidden rocks, to navigate. So we got a *Greek*, and after the weather began to be fairer, we put out to sea again. But this did not continue long, for when we came a little out of the harbour, we had other winds upon the sea, that were rather contrary to us, and hindered us so very much in our navigation, that after many days we arrived only before the fort of *Corfu*, otherwise call'd *Corfica*, which we could hardly see in that misty and foggy weather, not without great pains and labour. This ill weather, with the contrary wind, lasted very long, and encreased more and more, the wind continuing high; so that we had almost been cast over into *Apulia* against our intention, chiefly between *Cataxo* and *Raguſa*, which *Ptolomy* call'd *Epidaurus*, had we not quickly made the island of *Meleda*. So we spent our time in this navigation, not only in hard and contrary winds, with great pains and labour, but were besides obliged to be above deck, because she was filled up with goods all within to the weight of above twelve thousand centners, where we endured great cold, and must remain there in all the rain and storms.

After this we went into a small channel between this and another island, where we lay at anchor all night; early in the morning we saw a galley coming from the sea upon us. As soon as we saw her, before we could well discern her, because of the too great distance, we made all ready for our defence to resist her; but when she came nearer to us, and we found by her flags that she

was

was our friend, we were at rest again, and discharged, when she went by us, three great guns to salute her according to the usual custom of the sea. When she was past by, we weighed our anchor also, and sailed to *Curtzola*, another island and town, towards *Dalmatia*, call'd *Corcyra nigra*, which is very strong, and formerly did belong to *Ragusa*, but now it is subjected to the *Venetians*. This we left on the left hand, and went towards another, now call'd *Liesana*, by *Ptolomy* call'd *Pharia*, which lay about fifty leagues nearer to us. This we did soon make, and arrived in the port on Christmas-eve, which is close by the town, so that one can look very pleasantly into the wide open place. In the morning early at the breaking of the day, those in the town discharged some great guns for joy, which were in the next church standing near to the harbour, according to their ancient custom on such great holy-days. When these had begun, those also that were upon the castle, which is very strong, and lieth close to the town walls up very high, did discharge some; after them, those also that were upon the six gallies, that arrived in the harbour after us, did the same; at length it came also to our turn, that lay at anchor in the harbour, as well the little as the great ones, whereof there was a great many; there it began to bounce and crackle, for in our ship we had sixteen great ones, and it made such a noise in the harbour, that one would have thought all the buildings fell over one another. This shooting also occasioned so great and thick a smoak, that we could hardly see one another. After dinner we went ashore to buy good new bread, instead of our worm-eaten biscuits, whereof, God be thanked, we found enough, which did refresh us very much. In this time the Priest that was dangerously ill of the bloody flux, was so well recover'd of it, that he with his comrades went over to *Ancona*, to go from thence to *Rome*. After we had rode at anchor in this harbour for four days, by reason of bad weather, we weighed at length, and came away to the ancient and famous town *Zara*, by *Ptolomy* call'd *Fadera*, which is thought to be one hundred and fifty leagues. Between *Liesena* and *Zara* there lie abundance of small islands, where a great many pirates shelter themselves, that are call'd by a peculiar name *Scacki*. These sleep in the day

day time, and are here and there on high places, to take notice of the ships that go up and down, that they may fall upon them in the night, and take them at a disadvantage, so that it is very dangerous to ride there; and that so much the more, because the sea is hereabouts very narrow, by reason of the many islands that lie in it, wherefore the pilots must daily take care to get in good time into a port, where they may ride securely all night ; nay, sometimes even the ships in the harbours are not secure from these *Scacki* or pirates, for so it happened that we were once in a port at anchor in our voyage, which although it was very well secured and strong, yet we were not secure there from the *Scacki's*; as it had happened in this same harbour but a year before, to a ship called *Cantarena*, (which the *Scacki* did get into by night,) which came off greatly by the loss, so that they had great occasion to remember it ; wherefore we divided ourselves into four parts, and so kept watch by turns all night long. While we thus kept watching, we saw them several times come in small boats, as if they were fisher-men, yet as I am informed, there are often forty, fifty and sixty men that lie hid in these small boats, and watch their opportunity to get near to the great ships, to board them, and enter upon them. Wherefore as soon as we saw that they would come to us, we cry'd out : *Fuoco, fuoco*, that is to say, *Fire*, to shoot off the guns at them ; when they heard this, they presently answer'd : *Amici, amici* ; that is to say, *we are friends*, and so they went away again. Now when we believed that we were escaped all danger, we got into a greater one by the oversight of our pilot ; for when he had order to go to *Zara*, he did not obey this command, fearing that our ship-master would put him out there because of his ill behaviour, and take another in his room, wherefore that he might stay longer with us, he steered for the islands of *Vergetes*, thinking that because he could get over with gallies (whom he had all along generally served) he might also get over with a merchant-man (that was heavy laden, and so drew more water) safe and without any danger. But this did not succeed well, for when we sailed along between the islands, we lost the depth of water by degrees, and at last struck with a great cracking, so that

we

we could expect nothing but shipwreck, which would of necessity have followed, if our rudder had not remained whole in this striking, and lifted up the poop of the ship, and so shoved the fore-part sideways into the depth ; to which success the swelling sails did not also contribute a little. So did God, our dear Lord, miraculously send that the ship, chiefly by the help of the rudder, which was at least three spans deeper in the water than the ship, got off and went on her way. Having escaped again this great misery and danger, we landed in another island, that was not far off ; over-against which, on the side of *Dalmatia*, lieth the village *Mortera*, between two famous towns, *viz. Zara* and *Sebernis*, by *Ptolomy* called *Ficum*, on a mountain of this island, behind which lieth a good village, you may pleasantly see the whole situation, together with the confines of the *Turks*, very plainly ; in this village we took up and lodged in it, until our sloop, that we had sent out to *Zara* for another and more expert pilot, came back again.

As soon as they arrived with the new pilot, we broke up again, embarked and sailed for *Venice*, whither we had about two hundred and fifty *Italian* leagues. When we came out before the castle of *St Michael*, which lieth in the sea over-against *Zara* on a high mountain, a north wind arose, with such a tempestuousness, that it had almost cast us towards *Italy*, had not our pilot (who knew the shores, and landing of ships, better than the former) done his best, and landed presently, which could not be done but with great might and labour, for we were bound to go against the wind, yet we accomplish'd it ; which you may easily guess, for of those six gallies that met us in *Liesen*, but two could make our harbour (because they were not strong enough for the wind, altho' they used their utmost force in rowing) the rest were forced to go back again, and shelter themselves behind the outward islands.

Into the same harbour was also just before us run in, to shun the ill weather, a yatcht, that had about eleven men on board ; they did pump out the water that was run in, and dry their sails upon the land, by which we did conjecture that they also had not been in small danger. We did send some of our men on board of them to know who they were ; and they answered us, That they had letters

letters from the Great Sultan, to their masters the *Venetians*, concerning a peace that was agreed upon, which their envoy at *Constantinople* had sent by land to *Cattaro*, one of their towns, where they were delivered up to them, to carry them to *Venice* with all possible speed. After this great storm was over, we went on again in our voyage. By the way I saw nothing worth mentioning, but now and then a village, where sometimes, if convenient, we landed, and staid there all night. In one of them, I found a great deal of saffron, which was very like unto that of *Vienna*, both in look and goodness. So at length we came to the large and very deep *Gulph*, *Carnaro*, by which within lieth the town *Segna*, where the Windy-country endeth, and the *Hister-land* beginneth. This *Gulph* is about an hundred miles long, and thirty broad, so that in clear weather one may see very well over it, but it is very dangerous to sail over it, and because of its great motion, it is easily discern'd from the sea from without; over this we came, God be thanked, very well, and landed at *Rovigna*, a small town situated on a high rock. This belongeth, as well as others thereabout, as *Pola*, *Parentza*, &c. to the *Venetians*, from whence to *Venice* we have still about an hundred miles. But being that it is very dangerous to go from thence with large and loaden ships to *Venice*, therefore that republic doth keep there always several experienced pilots (to prevent farther mischief) that do nothing else but conduct the ships that arrive in *Histria* safely thither. And these do not easily put off, unless they have very good mild and clear weather; which was the occasion that our ship did tarry there; so that we all, except the sea-men which we left in the ship behind, went into a barge on the fourteenth day of *January* late, and went all night long to *Venice*, where we all safely arrived the fifteenth of the same month about noon.

At my arrival I met with some very good friends and acquaintance, with whom I stay'd for several days, to refresh and rest myself after the great hardships I had endur'd, and dangers I had pass'd. After they had made me very welcome, and shewn unto me all kindness and civility, and I had rested myself sufficiently, I resolv'd to travel with a *Venetian* post into *Germany* again; so

we travell'd together from thence to *Treviso, Trent, Botzan, Inspruck, Amberga, &c.* (whereabouts I found my cousin *Hans Widboltz*, and *George Hindermayer Botzen* riding by him, who kept me all that night with them in their inn) so at length I arrived on the twelvst day of *Februari 1576*, at *Augsburg*, my dear native country, to the great rejoicing of my dear parents and relations, which I found all in indifferent good health. I thank the Almighty, merciful and good God, that is one in his Essence, and three in Person, for all his mercies he hath bestow'd upon me, in all my great dangers and necessities, both by sea and land, for his dear Son Jesus Christ's sake. Praise, glory, and thanks be unto him, for ever and ever. *Amen.*

*End of Dr Rauwolff's Travels.*



A  
COLLECTION  
OF CURIOS  
TRAVELS and VOYAGES.

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VOL. II.

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CONTAINING  
OBSERVATIONS

M A D E

*By several Learned and Famous M E N,*  
In their Journeys thro' the L E V A N T.

VIZ.

The I S L E of C A N D Y, G R E E C E,  
Æ G Y P T, A S I A M I N O R, &c.

*By Mons. Belon, Prosper Alpinus, Dr Huntingdon,  
Mr Vernon, Sir George Wheeler, Dr Smith,  
Mr Greaves, Father Vanisleb, and others.*

To which are added,  
Two Itineraries to Mecca, and into Æthiopia:





# A

# COLLECTION OF CURIOS TRAVELS and VOYAGES.

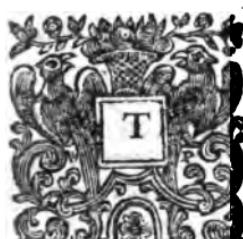
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## VOL. II.

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### C H A P. I.

*Mr Belon's remarks in the island of Crete or Candy.*

THE roots of mount *Ida*, call'd now by the natives *Psiloriti*, extend to both the shores of the island ; when I was at the top, I not only saw under me all *Candy*, but some adjacent islands, as *Milo*, *Cerigo*, &c. The snow lies all the year long on this hill, whilst the plains underneath are extreamly scorch'd, and burnt up ; it is so cold, that the shepherds cannot inhabit it in the summer-time, but are forced

forced every night to descend, and leave their flocks of goats and sheep feeding. This mountain on one side, abounds with pleasant springs, woods, many sorts of trees, shrubs, and herbs, as Maples, *Ilices* or Holm-oaks, *Arbutus* and *Adrachne*, *Alaterni*, *Cisti Labdaniferi*, *Firrs*, *Cypress*, *Chamalea*, *Thymelea*, *Oxycedrus*, *Nerion* or *Oleander* with a white flower, *Olive-trees*, *Vines*, many *Legumes* and *Pulse*.

Near round this famous mountain *Ida* are found *Salvia Pomifera*, which is carry'd to all the markets, *Caper-shrubs*, *Mandragora Mas* & *fæmina*, two kinds of *Peony* with a white flower, *Tragium seu Androsænum faetidum*, *Leontopetalum*, *Melilotus vera Odorata*, *Trifolium Maeonianthe* (perhaps our *Palustre*) *Heliocryson*, which grows so thick as to cover and shelter the hares; *Stachys Citrina*, two kinds of *Tragacanth*, which yield no gum in this island; *Staphis agria*, common up and down; *Coris*, a sort of *Hypericum*, with leaves like Heath or Tamarisks, grows plentifully, the root hath an unpleasent taste, and vomited me. The *Anagyris* stinks so upon the roads, that it causes the head-ach, and scarce any animal will touch it. *Tithymalus Dendroides*, *Thapsia*, *Ferula*, *Libanotis*, and *Seseli* abound. *Agriomelea fruticosa*, a sort of *Sorbus* or *Cotoneaster*; a fourth species of *Aristolochia* different from those three describ'd by the ancients; it is scandent like a Smilax. The *Coccus Baphica* or *Kermes* is found plentifully here upon an *Ilex*, the shepherds and boys gather it in June, separate the red animalcules from the vesicle or excrescence by sieves, and form them into balls very gently for sale, for if they are squeezed or press'd, they dissolve, and the colour perishes. The *Dictamnus* grows only between the fissures of the rocks, but the *Pseudo dictamus* in other places. *Lotus Arbor*, *Zizyphus* or *Jujube*, *Scolymnus Chrysanthemos*, call'd commonly *Ascolimbro*, whose milky root and young leaves make a common dish, *Tithymalus Myrfinites* and *Paralius* in the mountainous and maritime places, as also a *Gnaphalism candicans littoream*, and a wild *Braffica*; *Chamaesyce* and *Soldanella*, a *Dracunculus* with an Ivy-leaf; the *Halimus* makes their common hedges up and down the island, the tops are edulcus; *Agnus Castus*, *Sedum fruticosens*, *Thymum Legitimum*

mum, which last serves them for common fuel; the *Thymbra* or *Satureia vulgaris*, all loaded with *Epithymum* or *Didder*; the *Tribulus Terrestris* is very noxious to their fields, and Pulse; *Scammonia* or *Schammony* in hilly places, *Sesamum* and *Xylon*, or Cotton, are sown in April; Pitch is boyld out of the Pines on the mountains. There is none of our *Asparagus*, but instead of it two prickly kinds, call'd *Corruda* and *Polidricha*. Ten varieties of wild *Anemone's*. There is a sort of Artichoak, call'd by the shepherds *Agriocinara*, whose turbinated root is sold by many Druggists for the *Costus Indicus*, the tops are eaten, the flower is white, sometimes purple. There is a sort of *Carline thistle*, call'd *Chamaelion Albus*, whose odorate root sweats out a Gum which the women in Candy chew, as they in *Scio* do Mastich, or they in *Lemnos* the Gum of a *Condilla*. Two sorts of *Acanthus*, one soft, the other prickly. The inhabitants have not left off the old manner of preserving the tops of an *Anonis*, as also the tender shoots of an *Eryngium*. The island affords three kinds of *Origanum*, a sort of Squill or Sea-onion, *Orobus*, *Securidaca*, and many other legumes. It abounds with *Terebinths* and Mastich-trees, Laurels, *Styrax*, and arborescent *Ricimus*, or *Palma-Christi*; *Afpalathus*, and a *Genista spartium* call'd *Echinopoda*.

The *Ibex*, or *Steinbock*, a swift nimble animal, whose horns are heavy and long for the bulk of the creature, frequents the rocky mountains; there is also the *Stratioceros*, a sort of *Gazella*.

The bird call'd *Merops* and *Apiastrum*, or *Beeater*, a sort of *Woodpecker*, is common in the island, catches Bees, and feeds on them in the air. The *Attagen* and *Franclino*, as also a white large Partridge, frequent the mountains; Eagles, Vultures, and Falcons build on the rocks.

The fish call'd *Scarus*, which I never observed in the *Euxine*, *Propontis*, or any other part of the Mediterranean-sea, is common on the coasts of Candy, and is generally taken at the same season that the inhabitants rake and gather their sweet *Labdanum*, or *Ladanum*; the only bait for this fish is made of the leaves of a *Phaseolus*, which they swallow very greedily.

I observed only three kinds of Serpents in this island, the first is call'd by the country people *Ophis*; the second *Ochendra*; the third *Tepbloti*; but none of these is venomous; I saw one bite and draw blood, but without any harm. Hence the ancients might say, that *Crete* nourish'd no poisonous animal.

The *Phalangium* is common up and down; it weaves webbs like other Spiders, to catch it's prey, as Butterflies and Flies, and other insects. It lays about sixty eggs, carries and hatches them under it's belly; it fights much with the *Icbneumon* Wasp.

The stone call'd *Dactylus Idaeus*, or *Belemnites*, erroneously taken and sold for the *Lapis Lycais*, is plentiful on mount *Ida*.

The *Vinum malvaticum*, or *Pramnum*, as also the *Moschatell*, are made here, and transported up and down.

For a full catalogue of such vegetables as grow in the island of *Candy*, together with their synonymous names and places, the reader may be pleased to consult Mr *Ray's Collection of Exotic Catalogues*, publish'd this year at *London*, and annex'd to the end of this Second Volume, amongst which the *Cretic* plants are all drawn together out of *Bellonius*, *Honorio Belli*, *Alpinus*, *Pona*, &c.



## C H A P. II.

*A Description of mount Athos, commonly call'd Monte Santo, by Mr Belon.*

**T**HIS famous mountain so celebrated by the ancients, stands in a peninsula or promontory of Macedonia, stretching out into the *Ægæan-sea*; it's shadow reaches to *Lemnos* or *Stalamine*; it is inhabited only by monks, call'd *Caloyers*, who never marry, tho' other priests of the *Greek church* do. These *Caloyers* abstain from all flesh, and even from sanguineous fishes in Lent-time; they live very hardly and severely; their ordinary dish is pickled Olives, not green like ours, but black and ripe, dry'd without pickle. There are about six thousand of these Monastics, that inhabitt several places of this mountain, on which are seated twenty four large old monastryes, encompassed with high and strong walls, for defence against pyrates and other robbers, tho' they who spare nobody are kind and indulgent to the *Caloyers*.

In these monastryes the ceremonies of the *Greek church* are most diligently and strictly observed, and these *Caloyers* or monks are the most reverenced of any belonging to that communion; the *Turks* themselves will often send them alms, being taken with the sanctity of their lives; and the monks who inhabit mount *Sinai*, mount *Libanos*, the desarts of St *Anthony*, *Jerusalem*, and other holy places, are always the more valued and respected, if they have lived before on mount *Athos*, which is in as great esteem and veneration amongst the *Greeks* as *Rome* among the *Latins*. This place is under the jurisdiction  
of

of the Patriarch of *Constantinople*, who pays about twelve thousand ducats *per Annum* to the Grand Signior, upon the account of the *European Greek* church. The Patriarchs of *Alexandria*, *Damascus*, *Antioch*, &c. give also their particular sums to the *Turk*, who gives liberty of religion to all that pay tribute.

Of these six thousand religious, or *Caloyers* of mount *Athos*, none lead idle lives, as most of the monks in other places do, but every one hath his daily employment; some labour with the ax, spade, and sickle, dress their vineyards, cut trees, build fishing-vessels; others carry sacks full of provision, bread, and onions; some spin and weave, their distaff being made of the *Arundo Donax*, and their spindle of the herb call'd *Attrabilis*; some are Taylors, Bricklayers, and Carpenters; they are generally cloath'd like hermits.

This mountain is about three days journey long, and may be seen about thirty leagues off at sea; the monasteries are at some distance; they give such provisions as they have gratis to all travellers whatsoever, as pickled or dry'd olives, raw onions, salted beans, bisket, salted fish, sometimes fresh, for they often go a fishing, their vessels or boats being cut without great difficulty out of the thick trunks of Plane-trees; their nets, for want of Cork, are supported with Gourds, as they are in the *Propontis* with the bark of Pines. The chief monastery is call'd *Ageas Laura*, and fronts the isle of *Lemnos*, it contains about three hundred *Caloyers* or Greek monks; those that look towards the continent of *Macedonia*, have all their peculiar names, and contain some two hundred, others one hundred and fifty *Caloyers*. Formerly there were good Greek manuscripts in these monasteries, but now none at all, unless of Theology; no Poets, no Historians, no Philosophers, not one of the monks learned, of six thousand scarce above two or three know how to write or read, so degenerated and depress'd is the *Greek* nation at present; they use wax candles and lamps in their churches, as also statues, pictures and bells; they have no poultry, pigeons, or any other birds; nor sheep nor cows, nor goats; because they abstain from all flesh; they

they hunt no game, tho' there is great variety and plenty, only fish near the shore. I observed abundance of those birds, call'd *Molliceps*, a sort of Chaffinch, as also of the *Torquilla*, or *Wrynecks*. No people have the privilege of living on this mountain but these *Caloyers*.

Mount *Athos* abounds with many rare plants, but because many of them are already mentioned to grow near mound *Ida* in *Candia*; I shall industriously omit to name such of them in this place. I observed here the *Apion* (a sort of knobbed *Spurge*) which the *Caloyers* themselves know to be purgative. *Hippoglossum* or Horse-tongue, *Veratrum nigrum*, or black Hellebore, common in the valleys; Beach, Hornbean, Service, Oleaster, Myrtles, Oleander with a red flower, several Bindweeds running up to the high tops of the Plane-trees, which here vie in height with the Cedars of *Libanus*, or the Firs of *Olympus*.

There is a sort of *Cantharides* on this hill call'd *Buprestis*, of a yellowish colour, very fetid, feeding on brambles, succory, nettle, conyzæ, and other herbs; if any beast swallow this insect, they swell and die. There is a sort of Cray-fish in the fresh rivulets, which the *Caloyers* eat raw, and I myself found the taste of them very sweet and pleasant; they do not crawl up from the sea, but breed in the streams above. There is a plant in the valleys call'd *Elegia*, perhaps a species of *Arundo*, whose branches serve instead of writing-pens, for neither the *Turks* nor *Greeks* know the use of quills.

The *Caloyers* brought us several things to eat, as rocket, roots of smallage, the bulbs of leeks, cucumbers, onions, garlic, which we eat without either oyl or vinegar; black olives, course bisket and wine; they also regaeld us with salted and dry'd fish, *Sepia's*, *Polypi*, and *Loligines*, Crabbs, and other crustaceous and testaceous animals. These monks had rather die than eat flesh upon any occasion.

We ascended to the very top of mount *Athos*, where we could not long endure the cold; we saw from thence many adjacent provinces and islands, as *Cassandra*, *Scyton*, *Lemnos*, *Thasson*, *Samothracen*, *Imbron*, &c.

In

In our descent we observed Firrs, and Pitch-trees, which differ'd a little from those of mount *Ida*, for in these the cones adher'd so close to the branches, they would not separate; besides, these were very smooth, whereas the others were scabrous.

There being no haven under this mountain, the *Caloyers* are forced to draw their fishing-vessels ashore, and place them behind iron gates, lest the pyrates should set fire to them. They exchange their grapes, olives, figgs, onions, garlic, beans, and legumes with the mariners, who bring them some wheat; they have mills on the streams of the hill. They press an oil out of their Bay-berries, which they send into *Wallachia*, *Bulgaria*, and *Servia*, where it is sold. They take abundance of the long Oyster or *Languoste*.

The multitude of springs and streams, the variety of herbage and ever-greens, the woods and pleasant shoar, do all render mount *Athos* one of the most charming places in the world.



## C H A P. III.

*An account of a journey by land from mount Athos, to Constantinople; wherein the gold and silver mines of Macedonia, together with many antiquities and natural varieties are described.*

LAVING mount *Athos*, we travelled in two days to *Saloniki*, formerly called *Theffalonica*, and in two days more we reached *Siderocapsa*, the *Chrysites* of the ancients, where now the *Turks*, and many other nations work the rich ores, which afford yearly a very considerable treasure, and make the place much frequented and resorted to. 'Tis situated amongst the valleys, at the foot of high mountains, and yields monthly to the Grand Signior, for his share only, above 18000 gold ducats, and sometimes 30000 clear of all disbursements. There are about five or six hundred furnaces dispers'd up and down these mountains, which abound with great varieties of *Pyrites*, *Marchasites*, and other ores, which they work in a different manner from the *Germans* and *Spaniards*: Their furnaces and work-houses are all placed on the sides of rivulets, for all their bellows play with wheels turn'd by streams of water. The white foot of the chimneys is called *Spodus* and *Pompholix*, as it differs in colour, of which above ten pounds may be gathered every week. They separate the lead from the gold and silver by particular fusions, then the silver from the gold by *Aqua fortis*: Out of the gold, they coin their ducats, which are very flexible, and esteem'd the purest gold in the world, always clean and resplendent.

From these metallic mountains we saw mount *Athos*, and great part of *Macedonia*, which appear'd hilly. I observed here two serpents never seen before by me; the *Greeks* called them *Sapidi* or *Sapiti*, which comes

comes near to *Seps*, or *Sips*. The inhabitants of *Syderocapsa* gather abundance of the *Rbus* or *Sumach*, which they use in preparing their skins, and tanning their leather, which the *Egyptians* do with the pods of their *Acacia*, the *Natolians* with the caps of the acorns of a dwarf Oak called *Esculus*, the *Ilyrians* with a black Myrtle (perhaps the *Rhus Myrtifolia*) the *French* with Oak bark, the *Lesbians* and *Pbyrgians* with the bark of the *Picea*.

The workmen use several machines in working and drawing up the ores, according as the veins lie: These works employ above 6000 men.

In a lake near *Syderocapsa*, I took notice of several fishes, as one called *Laros* by the natives (because the Gulls feed much upon it) by the *Latins Ganis*, by the *Faench*, *Mouatte*, by those of *Diepe* and *Newport*, *Marue*. Another called *Claria*, by those of *Lyons*, *Lotte*; by the *Parisans*, *Barbotte*. Also the *Liparis*, the *Perch*, young *Mullets*, &c.

In the adjacent country, there are fallow Deer, Buffalo's, wild Boar, Goats, red Deer, and our roe Deer, Porcupines, Urchins, Wolfs, Foxes, Hares; the *Chamois*, or *Rupicapra*; the *Tragelaphus* different from the *Hippelaphus*.

Leaving *Syderocapsa*, we spent two days in getting to *Cavalla*, anciently called *Boucephala*, whereas we might have gone by sea in half a day: In this journey we saw the river *Strymon*, and on it Swans, and other birds like Pelicans: At the mouth of this river, are seen the remains of a place called by the natives *Chryopolis*, tho' *Pliny* puts it not far from *Chalcedon*. We saw *Ceres* the *Cranon* of the antients; afterwards *Tricala*, and so by the side of the mountain *Despota*, thro' a great plain to *Philippi*, near which are many villages and several mines. We observed hereabouts Mistletoe on the Oak, as also in many other places of *Macedonia*, where they make birdlime. The ground is very much over-run with the *Paliurus* and *Rhamnus*.

The ruins of *Philippi*, are about two days journey from *Trica* or *Tricala*, and *Philippi* scarce three more from *Philippolis*. These were great roads in the time of the *Roman empire*, now heaps of rubbish, and sepulchres

pulchres of marble with inscriptions. The isle of *Tasso* is but six hours distant, and from thence this great quantity of white marble might have easily been fetch'd. The magnificence of *Philippi* may be guess'd at from the number of these noble monuments and incscriptions, from the fair amphitheatre still entire with i'ts marble seats : 'Tis not oval, as those at *Otricoli* and *Rome*, but spherical, as those at *Verona* and *Nîmes*: There are also *Doric* and *Ionic* pillars, with many statues belonging to the temple of *Divus Claudius*. At *Cavalla*, or *Boucephala*, there are still great cisterns of hardened Cement (as at *Baiae*) and *Aquæducts*.

Departing from *Cavalla*, we pass'd by mount *Hæmus*, over the river *Nesus*, and came to *Bouron* on the salt lake of *Bisto*, near a moist plain, full of *Cytisus*, *Halimus*, &c. as about *Philippi*. Here are taken great quantity of Dace, or Dare, which they pickle as we do Herrings, as also smoak and dry them. The fishing on this lake is very considerable, for from hence they supply many distant places. About six hours from *Bouron*, we came to *Commercina*, where they sell great variety of provisions ; from thence we went to *Cypella*, where they make Alum by gently calcining the stone, and letting it dissolve afterwards in the air by the dews and rains, and then boiling and crystallizing the impregnated water. In this journey we saw many old *Roman* highways pav'd with great stones. We pass'd the *Marrisca*, of old *Hebrus*, in a ferry, and came to *Vire* ; here they wash soine gold out of the sand, but are often forced to use Quicksilver in the separation. The water of *Hebrus* is very cold in the middle of summer, and the banks are set with Tamarisks ; King's-fishers build they nests in holes on the sides, they make them of the bones and scales of little fishes. The natives hereabout often leave their habitations to work in harvest time : Their sickles differ from ours, and their corn is not thresh'd but trodden with cattle. In this journey we found great variety and plenty of *Jaspers* and *Chalcedony*.

The *Thracians* and *Macedonians* gather all the galls or excrescences on the Turpentine-trees, which they sell at *Prusa*, for the dying of silks. This country abounds

bounds much with Tortoises, for the Greeks never eat nor destroy them, unless they catch them in their gardens or plantations of Cotton and *Sesamum*.

We left the road of *Gallipoli* on the right, and came to *Rodesto*, the old *Perinthus*, from thence we left *Heraclea* on the left, and past *Selibia*, a days journey distant from *Constantinople*. The honey of *Heraclea* is said to be pernicious, perhaps because the country abounds with the *Chamaeleon niger* (a sort of *Carlina*) to whose root adheres a very venomous excrescence called *Ixia*, which may affect the Bees that feed on that plant.

I found hereabouts a milky plant (perhaps an *Apocynum*) with the leaves and flower of a *Nerion*, or the purple *Lysimachia*.

*Thrace* is an open country without trees, like *Picardy*; the great plains are divided here and there with ridges and little hills: About three miles before we came to *Constantinople*, we pass'd two long wooden bridges that run over the salt marshes, upon which are many boats and mills, with eight wings or arms: On these lakes there is a great fishery, as also on the *Propontis*, for the Oriental People (as other nations of old) are more delighted with the fish diet than with that of quadrupeds or birds. This may be one reason why the books of the ancients treat more of fish than of fowl, or any other animals.



## C H A P. IV.

*The ways of fishing on the Propontis, the Bosphorus, and Hellespont; as also of the fishes taken. By M. Belon.*

THESE seas abound extremely with fish that pass between the *Euxine* and *Mediterranean*, into which abundance of great fresh rivers empty themselves. The streights and shoars are full of little wood cottages (wherein the Fishermen watch and observe the several shoals) and great variety of nets, both loose and fastened to poles, of several figures; for the taking both of great and small fryes: There is also the hook and bait-fishing up and down with long lines; the train and hand-nets, &c.

Besides all these ways, they practise another manner of fishing by lighted torches in dark calm nights, whereby they find the great fishes asleep, and strike them very silently with sharp tridents and hooked engines: This they find the most convenient for taking the greater sorts of fish, which often break their nets and lines.

The common fishes of these *Streights* are, the Tunny, and the Pelamis, Mackrel, Scads, Gilheads, Mullets, Gurnards, Sheath-fish, Sword-fish, the Dolphin, different from our Porpeis, the Wolf-fish, Lampreys, the Muræna, Sphyrena, Melanurus, Salpa, Sargus, Mena, Atherina, Exocætus which serve for baits to catch Congers, Celerinus, Sardina, Polypus, Loligo, Erythrinus, &c.

The Garus, so common in the shops of *Constantinople*, is prepared here only out of the fanies, or ichor of the salted intestines of the Mackrel and Scads. The red Cavear is not made of the eggs or roe of the Sturgeon, but out of the *Cyprinus*. (Q. Whether the author means the Bream or Carp.)

## C H A P. V.

*Of some Beasts and mechanic trades at Constantinople.*

NEAR the *Hippodromus* at *Constantinople*, I observed some rare animals, which the Turkish Emperors are much delighted with, as the *Onager*, the *Hystrix*, the *Lupus Cervarius*, the *Lynx*, the *Ponticus Mus*, or *Ermine*, many rare Weasels and odd Cats.

The Turks not using the Printing Trade, they levigate and polish their writing paper in box frames, by rubbing it with the *Chalcedony* and Jaspar-stones, put at the end of sticks. They damask their cymeters with a bleuish colour, by macerating *Sal Armoniac* and Verdigrase in vinegar, and steeping the blades in this mixture, often pouring fresh upon them, this acts upon the steel, and renders it of that colour upon polishing. They granulate leather for scabbards. In the Cutlers shops one sees great variety of Horns, Teeth, &c. as of Buffalo's, Gazels, Morse-teeth, and other Tusks. They colour their linnen with great variety, and with many figures, which they cut in wood and there paint, afterwards stamp and press it upon the linnen, or silk, as in printing upon paper, they first polish their linnen or cottons with pastes of fine flower. The inhabitants on these *Straights*, gather abundance of a broad leaved *Alga*, which they mix with a fat earth, and so cover their houses with it: The current running so strong, casts out great variety of marine productions, as *Alcyonium*, or *Arkeilli*, *Antipathos* (a sort of Coralline.)

Mr Francis Vernon's Letter, written to Mr Oldenburg, Jan. 10. 167 $\frac{1}{2}$ , giving a short account of some of his Observations in his travels from Venice through Istria, Dalmatia, Greece, and the Archipelago, to Smyrna, where this letter was written.

S I R,

I Must beg your excuse for not having written to you in so long a space : The little rest I have had, and the great unsettledness of my condition is the reason. Neither have I now any great curiosities to impart to you ; only some small circumstances of my journey I will run over.

From *Venice* I set out with those gallics which carried their Ambassador that went for the *Porte*. We touch'd at most of the considerable towns of *Istria* and *Dalmatia* by the way. In *Istria* we saw *Pola*, an ancient Republic. There remains yet an amphitheatre entire ; it is of two orders of *Tuscan* pillars, placed one over another, and the lower pillars stand on pedestals, which is not ordinary ; for, commonly they have nothing but their bases to support them. There is, besides a temple dedicated to *Rome* and *Augustus*, a triumphal arch, built by a lady of the family of the *Sergii*, in honour of some of her kindred, which commanded in these countries ; besides several inscriptions and ancient monuments, which are in divers parts of the town.

In *Dalmatia* I saw *Zahara*, which is now the metropolis of the country. It was anciently called *Zadera*. It is now very well fortified, being encompassed on three sides with the sea, and that part which is toward the land extremely advantag'd by all the contrivances of art, having a castle and a rampart of very lofty bastions to guard it. I found here several ancient inscriptions, by me copied, which will not find room in the compass of a letter. We pass'd in sight of *Zebenico*, and saw three forts, which belong to the town, *St Nicolo*, *St Gi-*

*ognni*, and *la fortezza Vecchia*; but we went not ashore. That which is most worth seeing in *Dalmatia*, is *Spalatro*, where is *Dioclesian's* palace, a vast and stupendious fabric, in which he made his residence when he retreated from the empire; it is as big as the whole town, for the whole town indeed is patch'd up out of it's ruins, and is said by some to take it's name from it. The building is massive; there is within it an entire temple of *Jupiter*, eight square, with noble porphyry pillars, and cornish, worth any body's admiration. There is a court before it, adorned with *Egyptian* pillars of that stone called *Pyropoicilos*, and a temple under it, now dedicated to *St Lucia*; and up and down the town several fragments of antiquity, with inscriptions and other things worth taking notice of.

Four miles from *Spalatro* is *Salona*, which shews the ruins of a great town. About as much farther from *Salona*, stands *Clissa*, upon a rocky hill, an eminent fortres of the *Venetians*, which is here the frontier against the *Turk*, from whence they repulsed him in their late wars with great honour. I was at *Lesina*, where is nothing very remarkable; but *Blondi*, that hath written our *English History*, was of it. *Trau* is ancient, and hath good marks of it's being so. Here I spoke with Dr *Stasileo*, who put out that fragment of *Petronius Arbiter*, and I saw his manuscript.

I was in the Harbour of *Ragusi*, but not in the town, because we made no stay there. From hence we pass'd the gulph of *Budua*, and saw the mountains of *Antivari*, the plain of *Durazzo* and *Apollonia*, and came to *Saffino* a small island, from whence we could see the town of *Valona*, and the mountains *Acroceraunii*, which are very near, and are now called mountains of *Chimæra*.

I staid a fortnight in *Corfu*, and had time to view all that was considerable in the island, particularly the gardens of *Alcinous*, that is, the place where they are supposed to have been, now called *Chrysida*, a most delicious situation: The ancient port, now called *Nexpolæa* and several foundations of ancient fabrics. In *Zante* I was likewise a fortnight, where I saw but little of Antiquity: What is modern is very flourishing, and the island rich and plentiful.

I went

I went from Zante to Patras, a town in Achaja, of good note among the ancients. Near it is a great mountain; mentioned by Homer, by the name of *Petra Olenia*. In the town are several massive ruins, which few there know how to give any account of. These are the remains of a large church, dedicated to St *Andrea*, who, they say, was martyr'd there. This is the first town I saw on the continent of *Greece*. The plain about it is very fruitful, full of springs and rivulets; finely wooded with Olive-trees, Cypresses, Orange and Lemon-trees. The Citrons here are counted among the best of the *Turkish* empire, and are sent for presents to *Constantinople*. So are all their fruits in very good esteem.

In *Athens* I have spent two months. Next to *Rome* I judge it most worthy to be seen for antiquities of any I have yet been at. The temple of *Minerva* is as entire as the *Rotunda*. I was three times in it, and took all the dimentions with what exactness I could; but it is difficult, because the castle of *Athens*, in which it stands, is a garrison, and the *Turks* are jealous, and brutifly barbarous, if they take notice that any measures it. The length of the *cella* or body of the temple without side,

is - - - - - 168 } Feet English.

The breadth - - - 71 }

These  
measures  
rely on as  
exact to  
half a foot.

The *portico* of the *Doric* order, which runs round it, you may hath eight pillars in front, seventeen on the sides; the length of the *portico* is 230 feet English. I have taken all the dimensions within, with those of the *apses* and *porticos*; but they are too long for a letter. The *fuste* or *shaft* of the pillars is 19  $\frac{1}{2}$  feet in circumference: The *intercolumnium* 1  $\frac{1}{4}$  of the diameter of the pillars.

The temple of *Theseus* is likewise entire, but it is much less, though built after the same model. The length of its *cella* is but 73 feet, the breadth 26. The whole length of the *portico*, which goes round it 123 feet. Tis a *Doric* building, as is that of *Minerva*. Both of them are of white marble.

About the cornish on the outside of the temple of *Minerva* is a *basso reliefo* of men on horseback, others in chariots, and a whole procession of people going to a sacrifice, of very curious sculpture. On the front is the history of the birth of *Minerva*.

In the temple of *Theseus*, on the front within side the *portico*, at the west end, is the battel of the *Centauri*, and at the east end seems to be a continuation of that history: But there are several figures of women, which seem to be *Pirithous's* bride, and those other ladies which were at the wedding. On the outside the *portico*, in the spaces between the *Triglyphi*, are several of the prowesses of *Theseus*, most in wrestling with several persons, in which he excelled: All his postures and looks are expressed with great art. Others are monsters, which he is made encountering with, as the bull of *Marathon*, the bear of *Calydon*, &c.

There is a temple of *Hercules*, a round fabric, only six feet diameter, but neat Architecture. The pillars are of the *Corinthian* order, which support an *urchitrave* and *frise*, wherein are done in *relievo* the labours of *Hercules*. The top is but one stone, wrought like a shield, with a flower on the outside, which riseth like a plume of feathers.

There is yet standing the tower of *Andronicus Cirrhestes*, which is an octagon, with the figures of eight winds, which are large, and of good workmanship; and the names of the winds remain legible in fair Greek characters, where a house, which is built against it on one side, does not hinder, as *Απριλίανς*, *Δρός*, *Βορέας*, *Οκτώπων*, *Ζερπός*. Each wind placed against it's quarter in the heavens: And the roof is made of little planks of marble, broad at bottom, and which meet all in a point at top, and make an obtuse parymid of 32 or 36 sides.

There is a delicate temple of the *Conic* order in the castle, whether of *Pandrosus*, or whom, I cannot tell, but the work was most fine, and all the ornaments most accurately engraven:

The length of this temple was 67 <sup>3</sup>/<sub>4</sub> feet.  
The breadth      - - - - 38 <sup>3</sup>/<sub>4</sub>

These pillars, which remain of a portico of the Emperor *Adrian*, are very stately and noble: They are of the *Corinthian* order, and above 52 feet in height, and 19 $\frac{1}{2}$  in circumference: They are canneliate, and there are now standing seventeen of them, which part of their cornish on the top. The building to which they belonged, I measured the area of, as near as I could conjecture, and found it near a thousand feet in length, and about six hundred and eighty in breadth.

Without the town, the bridge over the *Elissus* hath three arches of solid stone work; the middlemost is near 20 feet broad. There is the *stadium* yet to be seen, whose length I measured, and found it 630 feet, near to what the precise measure of a *stadium* ought to be, viz. 625.

Towards the southern wall of the castle, there are the remains of the theatre of *Bacchus*, with the portico of *Eumenes*, which is near it; the semi-diameter, which is the right sine of the demi-circle which makes the theatre, is about 150 feet, the whole body of the scene 256. Monsieur *de la Guillotiere*, in that book he hath written of *Athens* hath made a cut of a theatre, which he calls that of *Bacchus*, which is a meer fancy and invention of his own, nothing like the natural one, which by the plan he has drawn of the town, I judge he did not know. I give you this one hint, that you may not be deceived by that book, which is wide from truth, as will appear to any body who sees the reality, though to one who hath not seen it, it seems plausibly written. I have dwelt long on *Athens*, but yet have said nothing. This town alone deserves a whole book to discourse of it well, which now I have neither time nor room to do; but I have memorials by me of all I saw, which one day, if it please God, I may shew you.

*Thebes* is a large town, but I found few antiquities in it, excepting some inscriptions and fragments of the old wall, and one gate, which, they say, was left by *Alexander*, when he demolish'd the rest. It is about fifty miles distant from *Athens*, as I judge.

*Corinth* is two days journey distant ; the castle, or Ἀκροκόπειον, is standing, which is very large. The main of the town is demolished, and the houses, which now are scatter'd, and a great distance from one another. So is *Argos*, which to go round would be about four or five miles, as the houses now stand ; but if they stood together, they would scarce exceed a good village. *Napolo della Rumilia* is a large town, and full of inhabitants, and the Bashaw of the *Morea* resides there : It is but very few leagues distant from *Argos*.

*Sparta* is quite forsaken, and *Mestra* is the town which is inhabited, four miles distant from it : But one sees great ruins thereabout ; almost all the walls, several towers and foundations of temples with pillars and chapiters demolished : A theatre pretty entire. It might have been anciently nigh five miles in compass, and about a quarter of a mile distant from the river *Eurotus*. The plain of *Sparta* and of *Laconia* is very fruitful, and long, and well watered. It will be about eighty miles in length, as I judge. The mountains on the west side of it very high, the highest I have yet seen in *Greece*; the *Maniates* inhabit them. But the plain of *Calamatta*, which anciently was that of *Messene*, seems rather richer. *Corone* is very abundant in Olives. *Navarmino*, which is esteemed the ancient *Pylos*, hath a very strong castle, fortified by the Turks, and is the best port in all the *Morea*. *Alpheus* is much the best river, and the deepest, and with great reason extolled by all the ancient Poets, and chosen for the seat of the *Olympic* games, for it is very pleasant. The plains of *Elis* are very fine and large, fit for to breathe horses in, and for hunting, but not so fruitful as that of *Argos* and *Messene*, which are all riches. The best woods I saw in *Peloponnesus*, are those of *Achaia*, abounding with Pines and wild Pear, the *Ilex* and *Pesculus*-trees, and, where there runs water with Plane-trees.

*Arcadia* is a champain fine country, and full of cattle, but is all encompass'd with hills, which are very rough and unhewn. *Lepanto* is very pleasantly seated on the Gulph, which runs up as far as *Corinth*; and without the town, is one of the finest fountains I saw in *Greece*, very rich in veins of water, and shaded with huge Plane-trees, not inferior in any thing to the spring of *Castalia* on mount *Parnassus*, which runs through *Delphos*, except in this, that one was chosen by the Muses, and the other not; and poetical fancies have given immortality to the one, and never mentioned the other.

*Delphos* itself is very strangely situated on a rugged hill, to which you have an ascent of about two or three leagues, and yet that is not a quarter of the way to come up to the pique of *Parnassus*, on the side of which hill it stands: It seems very barren to the eye, but the fruits are very good, where there are any. The wines are excellent, and the plants and simples, which are found there, very fragrant, and of great efficacy.

About *Lebadia*, and all through *Bœotia*, the plains are very fertile, and make amends for the barrenness of the hills which encompass them: But in winter they are apt to be overflown for that reasoun, and to be turn'd into lakes, which renders the *Bœotian* air very thick, and so were their skulls too, if the ancients may be believed concerning them; though *Pindar*, who was one that sublimated poetry to it's highest exaltation, and is much fancied and imitated in our age, as he was admired in his own, was born there: And *Amphion*, who was said to be so divine in his music, that he ravished the very stones, had skill enough to entice them to make up the walls of *Thebes*: So that not every thing that is born in a dull air is dull. These vales I found much planted with Cotton, *Sesamum* and *Cummin*, of which they make great profit, and a great trade at *Thebes* and *Lebadia*.

I went from *Thebes* into the island of *Eubœa*, or *Negropont*, and saw the *Euripus*, which ebbs and flows much after the nature of our tides, only the Moon, and sometimes Winds, make it irregular. The channel, which runs between the town and a castle which stands in

in an island overagainst it, is about fifty feet broad; and there are three mills on it, which shew all the changes and varieties that happen in the current. Near the *Euripus*, and opposite to the town, they shew a port, which they say was *Aulis*, and it is not improbable, for it must be thereabouts. Between *Negropont* and *Athens*, is a high hill, called *Ayia maria*, formerly very dangerous, but now guarded by *Albanese*. It is part of mount *Parnasse*, and near it, on the left hand, lies mount *Pentelicus*, from whence the *Athenians* anciently fetch'd their stone, and now there is a convent of *Caloyers* there, one of the richest of all *Greece*.

In going from *Athens* by sea, I embarked in a port, which lies just by *Munichia*. That which they call *Porto Pyraeo*, lies behind it a mile distant, which is a large port able to contain 500 vessels. There are the ruins of the town yet remaining, and of the walls, which joined it to the city of *Athens*. I sailed by *Porto Phalero* the ancient haven of *Athens*, which is rather a road than a port. I saw an island called *Phæser*, where the *Athenians* had anciently mines. I went ashore on the promontory of *Sunium*, to view the remains of the temple of *Minerva*, which stood on it. Hence I sailed among the isles of the *Archipelago*, *Macronesia*, *Thermea*, *Serphanto*, *Siphanto*, till I came to *Melo*. From *Melo* I sailed through the *Cyclades* to come hither. I pass'd by *Andros*, *Tenos*, *Mycone*, *Delos*: *Naxia* and *Paros* I saw at a distance. We sailed near the northern cape of *Scio*, and the southern of *Mytilino* or *Lesbos*, and so came into the gulph of *Smyrna*. Within this gulph stands *Burlæ*, near some small islands, which is judged to be the ancient, *Clazomena*: *Foja*, which is fame with the ancient *Phocæa*. Near this, the river *Hermus* discharges itself into this gulph.

In this my journey, I had some misadventures. My companion, Sir *Giles Eastcourt*, died by the way. At sea I was plunder'd by the *Serphiotes*, where I lost all my letters, and yours among the rest, which you sent to my Lord Ambassador at *Constantinople*, and Consul *Rycaut*, whom I find here a very civil and knowing gentleman, and am much obliged to him for his favours.

I have

I have been as curious as I could in taking the latitudes of some remarkable places : As I find them, I shall give them you.

*Gr. M.*

<i>Athens</i>	-	-	-	-	38	5
<i>Corinth</i>	-	-	-	-	38	14
<i>Sparta</i>	-	-	-	-	37	10
<i>Corone</i>	-	-	-	-	37	2
<i>Patras</i>	-	-	-	-	38	40
<i>Delphos</i>	-	-	-	-	38	50
<i>Thebes</i>	-	-	-	-	38	22
<i>Negropont or Chalcis</i>	-				38	31

I desire you to present my humble services to the gentlemen of the *Royal Society*.

*I am, &c.*



*Some*

Some plants observed by Sir George Wheeler, in his  
voyage to Greece and Asia minor.

**I**N the Scoglio, or island of St Andre, on the shore of Istria, *Scorpioides Limaxii foliis, floribus luteis.* *Limonium reticulatum.* *Sideritis spinosa.* *Draba cærulea Cretica.* *Convolvulus rectus argenteis foliis.* *Polygonum Creticum,* &c.

On the rocks near Pola, in Istria : *Cassia Poëtarum.* *Trifolium Saxatile hirsutissimum.* *Genista montana arborescens.* *Tordilium sive Sefeli Creticum.* *Tragopogon Creticum, vel patius Satureia hyberna nigritas.* *Polygonum Rorismarini foliis.* *Salvia fruticosa.* Abundance of *Samphire*, and a curious bulbous plant, crested with little flowers striped with white and cinnamon colour.

Near Mortaro, thirty miles from Zara : *Planta lactescens Altheæ foliis*; it was not blown, (it might either be a *Tithymal*, an *Apocynum*, or *Campanula major lactescens* Lobel.) *Eryngium luteum monspeliense*, &c.

On the great rock near Clissa : *Aster verbasci foliis.* *Jacea incana seu argentea Alpin.* in Exot. *Lotus odoratus.* *Horminum creticum.* *Satureia citrii odore.* *Aster montanus folio odorato, forsan Aster montanus luteus glabro Salicis folio Bauhin.* *Libanotis Ferula facie.* *Linum flore luteo.* *Hieracium flore incarnato.* *Thlaspi Saxatile folio Poëtarum.* *Caucalis platyphylla Column.* *Caucalis magno flore &c. fructu.* *Planta Equiseti frutescentis facie*, on the steeples and hard walls, (perhaps a species of *Tithymal*) it was without leaves, but full of joints, with abundance of yellow scaly knobs by pairs, between which issue forth three or four little Tetrapetalous flowers. Of this I saw an *Arborescent* one near Try.

On the mountain near *Lefina*, in the island *Pharos*: *Aconitum*. *Lycoclinum* fl̄ore *Delphinii*, vel *Napelli* Species. *Aloë* in flower. *Asphodelus minor* *functi folio*, *fistulasā non bulbosā radice*. *Malva Romana rubra*. *Juniperus major* seu *oxycedrus*. *Genista Spartium Septimum*. *Bauhini simile*; the root is hot of a spicy taste. *Pilosella major pilosissima*, &c.

In the Island of *Corfu*: *Thymus capitatus* *Dioscoridis*. *Lychnachia Hysopi* folio. *Scabiosa caule altissimo*, fl̄ore nigrescente, forte peregrina *Bauhin*. *Cyperus gramineus miliaceus*. *Scammomea*. *Acarna* fl̄ore patulo rubente. *Centaurium major*. *album*. *Centaurium rubens* *Spicatum*. *Centaurium ramosum rubens*. *Centaurium ramosum album*. *Vitex* fl̄ore cæruleo & albo. *Consolida regalis fætida*. *Glycyrrhiza*. *Pulegii* Species *erecto caule*, *latifolia*, *incana*, & *hirsuta*. With many others mention'd before.

In the island of *Zant*: The Curran Grape. White and yellow Melons. A large thin-skinn'd Lemon without either seed or stone, as also the Curran Grapes are. *Genista* seu *spartium* *foliis argenteis*. *Convolvulus Sagittariae* *foliis*. *Prunella spinosa*. *Coris Matthiolii*. *Gossypium* seu *Xylon*. *Glaux* *Dioscoridis*. *Cistus plantaginis* *folio*. *Cicer Creticum*, &c.

In the isle of *Cerigo*: *Dicamnus falsus*. *Chamaedrys Alpina minima* *hirsuta*. *Thymi capitati secunda* species *foliis minoribus densius Stipatis*. *Salvia pomifera* seu *gallifera*. *Stæchas ciirina*. That species of Thyme is in Dr Plukenet's *Phytographia*, Tab. 116. F. 4.

In the isle of *Tenos* or *Tine*: *Limonium caule sinuato*. *Frutex Spiniferus* *faceæ albo* *capitulis*. *Stachys parva* *foliis argenteis*. *Genista spinosa* *floribus rubris*.

Near the ruins of *Troy*: *Quercus glande majore*. *Gossypium*. *Sesamum*. *Anguria*. *Tragacantha*. *Tartonreira Massiliensis* seu *Thymelæa incana* *Sericæa*, *longifolia* & *latifolia*. *Pastinaca echinifera* *Colum*. *Facea luteæ capite spinoſo*. *Papaver corniculatum* *flore tricolore*. *Pancratium* in flower. *Verbascum marinum laciniatis* *foliis*.

Near *Constantinople*: *Abrotanum humile* fl̄ore *Chamæmeli*. *Serpilli* species *foliis Satureiæ*. *Androscium* fiore & thecâ omnium maximis. *Guaiacum Patavinum*.

On mount *Olympus*, near *Bursa* or *Prusa*: *Abies conis*  
*surgsum spectantibus, foliis subtus argenteis.* *Cistus lau-*  
*rinis foliis.* *Aster montanus, Linaria folio, flore flavo.*  
*Coris seu Hypericum foliis crispis.* *Hypericum foliis bir-*  
*sutis, margine crinifero.* *Aster Conyzoides Gesn.* *Astra-*  
*galus Matthiol.* *flore ceruleo.* *Pyrola frutescens* *Arbuti*  
*folio.* *Gentianella verna.* *Senecio incana pinguis.* *Ce-*  
*rinthe minor.* *Cistus argenteis foliis.* *Cymbalaria Ita-*  
*lica.* *Calamintha montana praestantior.* *Elichryson* *svae*  
*Gnaphalium comâ aureâ.* *Gramen juncetum Echinatum.*  
*Millefolium nobile odoratum.* *Hypericum seu Ascyon*  
*magno flore.* *Panax Heracleum.* *Gnaphalium repens.*  
*Herba Tuitia Auricula Affinis.* *Tragacantha.* *Hellebo-*  
*rus niger.* *Ephedra seu Polygonum Scandens bacciferum;*  
*climbing up to the tops of the vast Plane-trees, accord-*  
*ing to Bellonius.*

In our Journey to *Mandragorai* and *Courougouli*:  
*Scordium lanuginosum* *svae Creticum.* *Alpine Lotoides seu*  
*Anthylloides,* *svae Spergula facie C. B.* *Gingidum His-*  
*panicum.* *Leucoium Alyssoides Clypeatum maj.* C. B.  
*Origanum Spicatum Montis Sipyli* *foliis glabris.*

Near *Thyatira*: *Spartium alterum Monospermum,*  
*Pseudospartium Hispanticum Aphyllon.* A *Thapsus minor*  
*longifolia*; or rather a *Sideritis* or *Stachis* *foliis Sal-*  
*viae argenteis pilosis mollibus*; which is the *Panacea* of  
*the country people.* *Scabiosa argentea min.*

About *Smyrna*: Two kinds of *Fujiubes* or *Ziziphus*.  
*Turpentine-trees*, and *Mastich-trees.* *Smyrnion Creti-*  
*cum.* *Origanum perenne lignosum odoratissimum.* Several  
*sorts of Olive-trees.* *Tamarisk* and *Ricinus*, or *Palma*  
*Christi.*

Near the gulph of *Lepanto*: *Tithymalus Spinofus.*  
*The Fust or yellow wood used to die with, call'd by*  
*the Greeks Chrioxulo.* *Cedrus Lycia.* *Arisarum angu-*  
*stifolium.* *Lamium moschatum foliorum margine ar-*  
*gentato.*

About mount *Parnassus*, *Athens*, and other places of  
*Attica* or *Achaja*: *Stachys viscosa flore luteo, odore Nar-*  
*cissi juncifolii.* *Petromarula Cretica* or *Rapunculus Py-*  
*ramidalis altera.* *Sabina.* *Crocus Albus & Luteus.* *Po-*  
*terion Plinii*, smaller than *Tragacanth.* *Polium Gna-*  
*pholoides.* *Ilex Chermifera.* *Acacia Secunda Matthioli.*

Ane-

*Anemones* of all colours. Many *Asters* and *Arisarums*. *Aristolochia Clematitis*. Two *Asphodils*. *Braffica frutescens*. *Borago variegata Cretica*. *Cneorum Matth. & Clusii*, five *Thymelaea affinis facie externâ*. Several *Cisti*. *Jacea Moschata*, with other knapweeds. *Leontopetalum* all over the plain of Athens. *Oleander*. *Scilla*. *Scorzonera Cretica Asphodeli fistulosi facie*, *Galocorta Græcorum*, it is the womens Cosmetic, and Milk-plant. *Siliqua Edulis* or *Carob*. Two *Thymelaea's*, *argentea* & *tomentosa*. *Tithymalus Spinofus*. *Equisetum frutescens* *Apbyllon* (perhaps a sort of *Tithymal*) *Lychnis frutescens*: With many more, which we have either mention'd in other places, or else were doubtful of, as a kind of small silver-leaved. *Scabious*. and a *Dandelion* or *Hieracium*, with Pilewort or small Colts-foot-leaves, with a root like so many Scorpions following one another. A sort of *Medica lunatâ siliqua*, or *Loto affinis siliquis hirsutis circinatis*. *Astragalus argenteus* or *Syriacus*.

Near Corinth and the *Isthmus*, *Pinus Maritima* with small cones. *Cedrus Lycia vel Sabina baccifera*. *Ceratia* or *Siliqua Arbor*. *Lentiscus*. *Olea Sylv.* *Scabiosa argentea petræa*. *Aristolochia Clematitis species*. *Linaria latifolia valentina Clusii*, the flowers beautiful with three colours. *Androsemum umbelliferum*. *Scorzonerâ bulbosa*. *Arbutus folio non serrato*, *Comarea Dioicoridis Adrachne Theophrasti*.

For these the reader may consult Mr Ray's *Collection of Exotic Catalogues*, especially the *Oriental* one, where the synonymous names are added.



*Historical Observations relating to Constantinople.*  
*By the reverend and learned Tho. Smith, D. D.*  
*Fellow of Magd. Coll. Oxon. and of the Royal*  
*Society.*

**C**onstantinople, formerly *Byzantium*, was (a) by *Constantine* the Great called so after his own Name, who being mightily pleased with the beautiful and advantageous situation of the place between two seas, and defended by narrow straits on both sides, removed the seat of the Empire hither, and laid the foundation of it's future splendor and greatness. It was also by a (b) special Edict or Law of the same Emperor, which he caused to be engraven on a marble pillar, placed near his own statue on horseback, in one of the piazza's of his new-built city called *Strategium*, where the Souldiers used to muster as in the *Campas Martius*, called *Second* or *New Rome*, in emulation of old *Rome*, which he designed and endeavoured this should equal in all things. Accordingly he endowed it with the same Privileges and Immunities, and establish'd the same number of Magistrates, and Orders of People, and divided the whole extent of it into fourteen Precincts or (c) Regions, according to the division of *Rome*. And the Greek writers were as elegant and extravagant in their commendations of it ; but the usual title in their ordinary discourses and writings, when they had occasion to mention it without any flourish, was  
 ἡ βασιλεύσα,

(a) Καὶ τὸν ἐπωνούον ἡμῖν πάλιν. So the Emperor Constantine in a letter to Eusebius, *de Vita Constantini*, lib. 4. cap. 39. & apud Theodoritum *Histor. Eccles.* lib. 1. cap. 16. v. etiam Socrat. *Scholast. Hist. Eccles.* lib. 1. cap. 16. (b) V. Socratem ibidem. Et Theophanem in *Cronographia* XXV. anno Constantini. (c) The Italian word *Rione* is a manifest corruption of the Latin word.

ἢ βασιλεύον, or ἢ βασιλίς, that is, the imperial city, to the same sense with that of (d) *Sidonius Apollinaris*.

*Salve scepturum column, Regina orientis,  
Orbis Roma tui.*

The country about it was afterwards called *Romania* in a limited and restrained sense, (for that *Romania* was anciently the same with *Orbis Romanus*, seems clear from (e) *Epiphanius*) and the people Ρωμαῖοι. But I suppose this was not done till about the middle times of the empire, when it began to decline. The Greeks still retain this name: For if you ask any of the Greeks born upon the continent of *Thrace* what countryman he is, he answers forthwith, Ρωμαῖος, *Romios*, for so they pronounce it. The Turks in like manner called a Greek Christian *Urum Gaour*, or the *Roman Infidel*, as they will call sometimes the Emperor of *Germany*, *Urumler Padisha*, or Emperor of the *Romans*. Hence it was that the latter *Grecian Emperors* styled themselves βασιλεῖς Ρωμαῖοι, Kings of the *Romans*, that is, such as were born in *Romania*, and the other countries, which made up the eastern division of the empire. Though perchance by this flourishing title they pretended a right to the government of the west; upon which vain presumption they assumed also the title of ΚΟμοράτοπες, or *Emperors of the World*, as if they had been true successors of *Augustus*, and the western Emperors, usurpers, whom they called by way of contempt and indignation, Ρῆσσοι, *Reges*, as (f) *Luitprandus* informs us in the account of his embassy to *Nicephorus Phocas*, and afforded the people of *Italy* no other title than that of (g) *Lsingobards* or *Lombards*. The present Greeks call all the western

B b

Christians

(d) In *Panegyrico*, quem Romadixit *Antbenio Augusto*, bis consuli. (e) *Hæreti* lix *qua est Arianorum. Sect. 2.* where he says a sad dismal fire was kindled by *Arius*: τὸν δὲ τὸν πυρὸν κατέλαβε τὸν Ρωμανιαν σχεδὸν, μάλιστα τῆς ἀνατολῆς τὰ μέρη, which seized almost upon all *Romania*, or *Universum Romanorum Imperium*, as *Petavius* renders it, but espacially the eastern parts of it.

(f) Pag. 144, 152, 155. (g) Pag. 139.

Christians Λατίνοι, or Φράγκοι, *Latins* or *Franks*, the *Turks* only making use of the latter, when they speak civilly of us, and calling *Christendom Phrenkistan*, in the present Greek Φρεγγία. The *Turks* now as proudly call *Constantinople, Alempena*, or the refuge of the world; where indeed seems to be a medly of all or most nations of three parts of it, and of all religions, which are allowed to be publicly profest and exercised every where throughout the empire, except the *Persian*. For they look upon it as a corruption of, and deviation from the rules and doctrine of *Mahomet*, their great false Prophet, and therefore absolutely forbid it, as repugnant to, and destructive of the doctrine of life and salvation, as they speak. And accordingly they condemn with all imaginable fury the professors of it, who pretend to follow *Ali*, as sectaries and apostates, and entertain worse opinions of them, than of *Christians*, or *Jews*, or *Infidels*. The *Persians* are not behindhand with them in their hatred and disrespect, deriding them as gross and stupid, and looking upon them as little less than barbarous: Interest and zeal for their several tenents heightening their differences so much, that in time of war they destroy one anothers mosques. I remember, that there was a great discourse in *Constantinople* among the *Turks*, concerning an impudent hot-headed *Persian*, who publicly in the new mosque, built by the mother of the present Emperor, asserted that *Ali* was equal to *Mahomet*. But it seems he very luckily made his escape out of their hands, at which the priests and the more zealous *Turks* were very much scandalized.

The *Greeks* have twenty six churches within the walls of the city, besides six in *Galata*, of which I have given an account elsewhere. They have also two churches at *Scutari*, one at *Kadikui* or *Chalcedon*. So at *Staurosis*, *Chingilkui*, and several other villages upon the *Asian* shore of the *Bosphorus*, as at *Bessbietchash*, *Ortakui*, *Chorouch chesme*, which church is dedicated to St *Michael* the Archangel, *Jenikui* or *Neochorion*, *Therapia*, *Bujukdere*, and other villages on the *European* side. They have also a church at *Haskui*, where is their burying-place, and another near the *Bagno*, dedicated to St *Parasceve*. And at *Tatoula* about a mile from *Péra*, upon

upon a hill, which from the name of the church is thence called by the *Greeks* and *Franks*, St *Demetrius's hill*. Next to the holy Virgin, St *Demetrius* and St *George* have most churches dedicated to them.

The *Armenians* have not, if I remember aright, above seven churches, they being few in number in comparison of the *Greeks*.

The *Jews* may have in the city and places adjacent between twenty and thirty synagogues, this being the greatest shelter of that accursed and contemptible people in the Grand Signior's dominions, next to *Caire* and *Saloniki*; and I believe there may be about twenty or thirty thousand families of them. They are of great use and service to the *Turks*, upon account of their brokerage and merchandise, and industry in several mechanical trades. All these I look upon as natives, or slaves rather, each paying money for his head every year. The *Jews* indeed very wisely collect this tax among themselves, and according to an agreement made with the *Tefferdar* or Treasurer, pay a certain sum in gross for their whole nation residing there; by which piece of cunning they are great gainers, and spare the poor among them less able to pay, by a contribution of the rich to make up the sum. The *English* and *Dutch* Embassadors have their chapels in their palaces common to their respective nations.

The churches and chapels of the western *Christians* of the *Roman* communion in *Galata*, are,

St *Peter's*, belonging to the *Dominicans*, where is the famous piece of *Madonna di Constantinopoli*, as the *Italians* call it, or of the Blessed Virgin holding the holy child *Jesu* in her arms; which they pretend to be drawn by the hand of St *Luke*, celebrated by some of the later ecclesiastical writers to have been a famous Painter. Out of respect to this idle tradition, the credulous and superstitious *Latin*s and *Greeks* of the *Roman* communion shew great veneration to it, which otherwise hath little in it of proportion, art, or beauty to derive any reputation upon the designer, or upon his work.

St *Francis*, belonging to the *Conventuali*, Friars of the order of St *Francis*: The ground of this by the wise conduct and intercession of *Cavaliere Molino*, the *Venetian Bailo*, after the surrendry of *Candia*, upon the

peace made by the Republic with the Grand Signior, was procured to be restored, and a handsome church rebuilt, with the large contributions of money sent out of *Christendom*.

St *Benedict*, belonging to the *Jesuits*, where is a rich altar curiously adorn'd with several figures in *Mosaic*. This convent was purchased for them by their great benefactor, *Henry the fourth of France*.

St *Mary*, belonging to the *Observantines* or *Zoccolanti*, a branch of the order of St *Francis*, so called from their going in *Zoccoli* or wooden clogs.

The *Capucines* have a little chapel dedicated to St *George*, hard by the *French Ambassador's* palace.

St *Ann*, a chapel frequented by the *Petros*.

St *Paul* and St *Anthony* were both taken away some years since from the Christians, and turned into mosques. The former of which is now known by the name of *Arab Giamesi*, or the mosque of the *Arabians*. Our interpreters mentioned also to me the church of St *John*, which the *Turks* have seized upon for their use, St *George*, which the *Jews* are possessed of, and St *Sebastian*, which was used to be visited chiefly on holy-days.

The north wind blows for the most part at *Constantinople*, which must be ascribed to it's nearness to the *Euxine* sea, which bears that point from it. So that for want of a southwardly wind, ships have been forced to lie a month or two sometimes near the mouth of the *Hellespont*; this was taken notice of long since by *Eunapias*, in the life of *Aedesius* who ascribes the seldom blowing of the south wind to the situation of the mountains, whereas it is checked and overpowered by the exuberance of the vapours continually sent forth from the *Black* and *Great Sea*, as the *Greeks* call it in comparison of the *Mediterranean*. *Vide ad finem Codini de Origin.* *Constantinopol.* Edit. Paris. pag. 80.

The *Hellespont* is about forty miles in length, and at the castles of *Sestos* and *Abydos* the streight may be about three quarters of an *English* mile over, or less.

The length of the *Propontis* is about a hundred and fifty miles, both shores may be seen in the middle of it. In it are

*Cyzicus* an island near the *Asian* shore, to which it is joined by two bridges. It still retains its ancient name Κυζίκιον, and is the seat of a Bishop, being inhabited by a considerable number of Greeks.

*Proconnesus*, not far from the former; now, as for some centuries past, called *Marmora*, from the excellent quarries of marble there found, the *marmor Cyzenicum* also being famous in the time of *Pliny*.

*Besbycus*, now called by the Greeks καλόβιμον, or the good haven, not far from the entrance into the bay of *Montanea* to the north-and-by-east; the *Turks* call it *Imramle*.

There are several islands over against the bay of *Nicomedia*; formerly called *Sinus Astartenus*, according to *Strabo*, about six or seven leagues from *Constantinople* (g).

*Prote*, so called because they approach first to it, coming from *Constantinople*, to the south of this *Prenclipe* and *Pytis*, which I take to be the same with *Pyrgos*, that lies inmost toward the bay: *Chalcitis*, in modern Greek, *Chalce* or *Chalcis*. *Oxia* and *Platy* to the north-west. I have expressed the *Turkish* names of the lesser and uninhabited islands elsewhere, which perchance were fantastically imposed by some *Franks*.

The *Seraglio* is at the extrem point of the north-east angle of *Constantinople*, where formerly stood old *Byzantium*, within which, towards the haven is a stately *Kiosk*, or Summer-house, from whence the Grand Signior usually takes barge, when he passes into *Asia*, or diverts himself upon the *Bosphorus*, at which time the *Bostangibahî*, who hath the principal care of the Emperor's palace, and hath the command of the *Bosphorus*, sits at the helm and steers.

The seven towers are at the south-east extremity.

The only suburbs are to the north-west, along the haven-side; for above the hill, where the three walls begin, lies an open champaign country, except that here and there at considerable distances farm-houses are scattered.

The haven runs in from the west, and so opens east.

At the east end of *Galata* is *Tophana*, where they cast their great guns.

*Pera* and *Galata* have about six gates to the seaward. The whole tract of ground was anciently, before the times of the Emperor *Valentinian*, who enclosed and fortified *Galata* with walls and towers, stiled Περγαστέρα τῆς πόλεως, on the other side of the city to the north; which is the reason of it's name, seated on higher hills, and whose ascent is more steep and difficult.

Our modern *Geographers*, such as *Mercator* and *Ortelius*, who herein follow *Ptolemy*, place *Constantinople* in the latitude of 43 degrees and 5 minutes: the *Arabian* and *Persian Astronomers*, as *Abulfeda*, *Nassir Eddin*, *Vlugh Beigh*, and so the ορθίχειον καρβρεῖον of *Chrysococca*, translated out of the *Persian* tables, place it more notherly in 45°. But by later and better observation it is found, that they have erred in assigning the latitude of this city, as of several other places. To salve these differences, there is no just ground of pretence to say, that the *Poles* are moveable, and have changed their situation since their time; whereas it may be better imputed to their want of due care, or to their taking things upon trust, from the reports of *Travellers* and *Seamen*, not having been upon the places themselves; which certainly is to be said for *Ptolemy*, whose Observations, as to places more remote from *Alexandria*, are far from being accurate and true. The learned Mr *John Greaves*, as I find in a manuscript discourse, very worthy of being printed which he presented to the most reverend and renowned archbishop *Usher*, took the height of the Pole at *Constantinople*, with a brass sextant of above 4 feet radius, and found it to be but 41° 6'; but by the observation we made in our court-yard at *Pera* with a good quadrant, we found but 40° 58' of north latitude.

There is no place between the *Propontis* and the walls of the city, except just at the *Seraglio* point, which may be two hundred paces in length, where they have raised on a platform a battery for great guns; but from the point to the end of the haven west, the space to the gates is unequal in some places about twenty paces broad, in others three or four times as many more.

The distance between *Constantinople* and *Chalcedon*, upon the opposite *Bithynian* shore, may be about three or four miles.

In the walls are engraven the names of several Emperors, who reigned toward the declension of the *Græcian* empire, as *Theophilus*, *Michael*, *Basilus Constantinus*, *Porphyrogenitus*, by whose care, and at whose expence the several breaches caused in them, by the sea, or by earth-quakes, were repaired.

*Kumkapi*, or the sand-gate, lies toward the *Propontis*; this the *Greeks* call in their vulgar language *Κοστονάλης*, *Contoscalium*, or the little scale or landing-place. Here formerly was an Arsenal for gallies and other small vessels it being a convenient passage over sea. Over this gate was anciently engraven a curious inscription, still preserved in that excellent collection publish'd by (b) *Gruterus*.

*Fedicula Kapi*, or the Gate of the seven towers, so called from it's nearness to that *Acropolis*, is that, I guess, which the *Greeks* formerly called *χρυσὴν* or the golden gate, and by some late *Latin* writers *Chrysea*, in *Luitprandus*, *Carea*, by a mistake either of the Transcriber or Printer, for *Aurea*, for so certainly it must be mended. Over this gate was this Inscription;

*Hæc loca Theodosius decorat post fata Tyranni,  
Aurea secula gerit, qui portam construit auro.*

cited by *Sirmond*, in his notes upon (i) *Sidonius*. This gate is in the twelfth region, and was also called *ωραῖα* from it's beautiful and curious structure.

The gun-gate, formerly called *Roman-gate*, not because it leads towards the continent of *Romania* or *Thrace*, but from (k) St *Romanus* where the last Christian Emperor was killed at the assault which the *Turks* made to force their way into the city by it.

Near *Adrianople-gate* is a fair large mosque called *Ali-bassa*, upon a hill accounted the highest in the city.

The distance between tower and tower in the upper wall to the landward, may be about ninety of my paces; the space between that and the second wall about eighteen paces over.

The

(b) Pag. 169. Num. 3. (i) Pag. 121. (k) Vid. *Historiam Politicam Constantiopolos apud Crufum in Turco-Grecia*, pag. 9.

The place, where the Lyons, Leopards, and such like wild creatures are kept, (where I saw also several Jackals) was formerly, as the Greeks told me, a Christian church dedicated to Παναγία, or the Blessed Virgin, where this verse is still legible :

*Kαλὰ Σκυθῶν ἐπιδοςας θηγεών καὶ μάχας.*

There is no tide or running back of the water on any side of the *Bosphorus*, into the *Black sea*, as (*l*) some have imagined, whose mistake might possibly arise hence, that the wind being at north, and blowing hard, the current sets more violently at such times against the several headlands, jetting out into the channel, which admits of several turnings, and so the waters are forced back to some little distance : or else because when the sough-wind freshens and grows boisterous, it makes a high rolling sea in the *Propontis* and *Bosphorus*, and being contrary to the current, gives a check to it, so that it becomes less sensible, and is easily stemmed. Where it is narrowest, the distance seems to the eye to be scarce a mile over from one shore to another ; where broadest, not much above a mile and a half, unless where it runs into the deep bays, which by reason of their shallowness only harbour boats.

The channel certainly is natural, and not cut by art, as some have idly fancied, not considering how the *Euxine* sea shou'd discharge itself otherwise of those great quantities of waters, poured into it by the *Ister* and *Tanais*, now called *Don*, and the other rivers, whereby it becomes less salt, even very sensibly to the taste, than several parts of the *Mediterranean*.

The fish, by a strange kind of instinct, pass in vast shoals twice a year, autumn and spring, through the *Bosphorus*, that is, out of one sea into another ; of which the Greeks, who live several months of the year upon them, take great numbers, and supply the markets at ease

(*l*) This was an old error : for thus writes *Dionysius Byzantinus* in his little book of the *Bosphorus*, Τὸς δὲ ὑπέρασπις τὸ μῆτραν κατιοῦται διὰ δὲ ὅτε καὶ ἐπικεφαλὴν αἱρεσθεῖσαν.

easie rates; the cormorants and other ravenous water-fowl, which the *Turks* will not suffer to be destroy'd, or otherwise molested, preying also upon them.

The weather in some months is very inconstant, great heats and colds happenning the same day upon the change of the wind.

The winters at *Constantinople* are sometimes extraordinary severe. I have heard it related by several old Greeks, as a thing most certain, that the *Bosphorus* was frozen over in the time of *Achmed*, and that a Hare was coursed over it. It happened thus; that upon a thaw, huge cakes of ice came floating down the *Danube* into the *Black Sea*, and were driven by the current into the *Bosphorus*, where, upon the return of the frost, they were fixed so hard, that it became passable. In the year 1669, there was ice in the haven, to the great amazement of the *Turks*; and some were so frighted at this unusual accident, that they look'd upon it as a dismal prodigy, and concluded that the world would be at an end that year. The *Aguglia*, or Obelisk, in the *Hypodrome*, is betwixt fifty and sixty foot high.

The historical pillars in *basso reliefo*, raised in honour of the Emperors *Arcadius* and *Honorius*, may be in height about an hundred and forty seven feet.

*Alexus Comnenus*, lies buried in the patriarchal church against the wall, and his daughter *Anna Comnena*, the historian, who lived about the year of Christ 1117. They pretend to shew there, the relics of St *Anastasia*, who suffered martyrdom under the Emperor *Valerianus*, and of St *Euphemia*, virgin and martyr, who lost her life most gloriously for Christ's holy religion at *Chalcedon* under *Dioclesian*.

In *Sancta Sophia*, there are pillars so great, that a man can scarce fathom them at twice. At the end of the gallery that joins the other two, each about thirty of my paces wide, there is a piece of transparent marble, two or three inches thick. In the north gallery, upon the pavement, is a reddish sort of a marble stone, brought, as the *Turks* and Christians relate, from *Palestine*, on which they fable, that the Blessed Virgin used to wash the linnen of our Saviour.

I observed but one step from the body of the church to the *Bema*, or place where the altar formerly stood.

The great mosque at *Chasim-bassa* on *Pera* side to the west, was formerly a church dedicated to St *Theodosia*.

*Giangbir*, a mosque so called upon a hill at *Fondackee* near *Tophana*.

In *Constantinople* there are several narrow streets of trade, closed up with sheds and penthouses, which I suppose were in use before the *Greeks* lost their empire, and are the same with the *οντασιον καὶ ογκωτοὶ δεῆμοι*, in *Chrysaloras's Epistle*, p. 119. But besides these places, several trades have their distant quarters. The streets are raised for the most part on each side for the greater convenience.

Not far from *Suleimania*, is the house of the *Aga*, or General of the *Janizaries*, which so often changes it's masters.

*Pompey's pillar*, as the *Franks* erroneously call it, is of the *Corinthian* order, curiously wrought, about eighteen foot in height, and three in diameter.

*Beshiktash*, a village within three or four miles of *Constantinople*, towards the *Bosphorus*, where lies buried the famous pirate *Ariadin*, whom the Christian writers call *Barbarossa*, who built here a handsome mosque, having two rows of pillars at the entrance. The captain *Bashaw* usually, before he puts to sea with his *Armada* of gallies, visits the tomb of this fortunate robber, who had made several thousand Christians slaves, and makes his prayers at the neighbouring church for the good success of his expedition.

They reckon in the city above a hundred public baths, every street almost affording one. They are esteemed works of great piety and charity, there being a continual use of them, not only upon the account of religion, but of health and cleanliness: For their diet being for the most part hot spiced meats in the winter, and crude fruits in the summer; their liquor fountain water or coffee, to which we may add their lazy kind of life (for walking is never used by them for digestion, or otherwise in the way of diversion) frequent bathing becomes necessary.

There

There are several receptacles of water under ground, and one particularly under the church of *Sancta Sophia*, as I was informed; but I did not think it worth my curiosity to descend into it. These were of great use to the poor Greeks in the last fatal siege; but the *Turks* are so secure, that they do not think that they deserve either cost or pains to keep the waters sweet, or the cisterns in repair.

The aqueducts, which answer to those glorious aqueduct near *Pyrgos*, and convey the water to the great cistern near Sultan *Selim's* mosque, are in that part of *Constantinople* which lies between the mosque of *Mahomet* the Great and *Shazade*.

The *Turks* began to besiege *Constantinople* on the fifth of *April*, and took it the twenty-ninth of *May*, on *Whitsun-tuesday* morning, 1453, or as the *Turks* reckon in the year 857, of the *Hegira*, or flight of *Mahomet*, the twenty-second day of the first *Fomad*.

The chapel where *Ejub Sultan* is interred, at whose head and feet I observed great wax candles, is inclosed with latten wire grates, for the better accommodation of such religious *Turks*, as come to pay their respect to the memory of this great Musulman Saint. In the middle of the area, there is raised a building sustained by excellent marble pillars, ascended by two several pair of stairs, where the new Emperor is inaugurated, and where he usually goes in *Biram* time.



*An account of the city of Prusa in Bythinia, and a continuation of the historical observations relating to Constantinople; by the reverend and learned Tho. Smith, D. D. fellow of Magd. Coll. Oxon. and of the Royal Society.*

**M**ONTANE A, formerly called *Nicopolis*, according to *Bellonius*, or rather *Cios*, the bay hence called *Sinus Cianus*, lies in the bottom of a bay about fourscore miles from *Constantinople*, and is the scale or landing place for *Prusa*, from which it may be about twelve miles; in the middle way to which, is the village *Moussanpoula*.

*Prusa*, now call'd by the *Turks Burfia*, the chief city of *Bythinia*, is seated at the foot partly, and partly upon the rising of the mount *Olympus*, which is one of the highest hills of the lesser *Asia*. It's top is covered with snow for nine or tenth months of the year, several streams of water flowing down the hill continually, accounted very unwholsome from the snow mixed with it. In the upper part of the city to the north-west, lies the Seraglio, which is walled round; but the Emperors not residing here since their acquirets in *Thrace*, or scarce making visits to this imperial city, and none of their sons living here of late, according to the former policy of the *Turkish* Emperors, who did not permit their sons, when grown up, to be near them, but sent them to some honourable employment, accompanied with a Bashaw or Cadi, to instruct them in the arts of war and government; it lies now neglected and despoiled of all it's ornaments.

In this part also are the sepulchres, of *Osman*, the founder of the family which now reigns, and his son *Urchan*, who took the city, near a mosque, formerly a Christian church dedicated to *St John*, and where was formerly a convent of religious, built by *Constantinus Iconomachus*, where I saw the figure of a cross still remaining

maining upon the wall. Here hangs up a great drum of a vast bigness, such as they carry upon the backs of camels, and I suppose is one of those which they used in the taking of the place.

In the lower part, near the bottom of the hill, *Morad II.* the father of *Mahomet the Great*, lies buried; near whereunto was formerly the metropolitical church of the holy Apostles. The *Bezeften*, or exchange, seems to be much better and larger than the great one at *Constantinople*, as are the several *Caravanserais* built for the use and accommodation of Merchants and travellers; in one of which, the Rice-chane, I took up my quarters.

Without the city, toward the east, is the mosque and sepulchre of the Emperor *Bajazid I.* whom the Turks call *Filderim*, or lightening, and the Greek writers *λειλας*. Not far from hence, is the mosque of *Mahomet I.* and his sepulchre. Toward the west, upon the side of the hill, is the mosque of *Morad I.* whom they call *Gazi*, or the Conqueror, near which he lies buried. There are in the whole about 124 mosques, several of which were formerly Christian churches, and between fifty and sixty chanes. The castles built by *Osman*, when he besieged the city, are slighted and altogether unfortified, the one to the north, the other to the south-west.

At *Checkerghe*, about a mile and a half out of town, are the hot baths, much frequented both by Christians and Turks. They are made very convenient to bathe in, and are covered over, that they may be used in all weathers. Among others, there is a large round basin, where they usually divert themselves by swimming.

What opinions the Turks have of our Blessed Saviour, and the Christian religion, I shall briefly shew, as they lie dispersed in several chapters of the *Koran*, according to which they frame their discourse whensoever either zeal or curiosity puts them upon this topic; for *Mahomet*, upon his setting up to be the author of a new religion, finding such a considerable part of the world professing the doctrine of Christ; with all the mysteries of faith therein contained, was cast upon a necessity of saying something both concerning him and it. By which

which it will appear how great the power of truth is above imposture and subtlety, and that as the devils in the possessed confessed, though against their wills, Christ to be the son of God, so this *Dæmoniac*, in the midst of all his forgeries and lies, and ridiculous and childish narratives, not being able to contradict the universal belief of the Christians of that, and the preceding ages, founded on the history of the Gospel, hath been forced to give testimony to several particulars of it.

They confess then, that Christ was born of a pure spotless Virgin, the Virgin *Mary*, chosen by God, and sanctified above all the women in the world; and that the angel *Gabriel* was dispatched out of heaven, to acquaint her with the news of it. That such a kind of miraculous and supernatural birth never happened to any besides, and that Christ was conceived by the Holy Ghost, and that he wrought mighty miracles, for instance, that he cleansed lepers, gave sight to the blind, restored sick persons to their health, and raised the dead.

That he is a great Prophet, sent by God to convert men from the vanity and error of their false worship to the knowledge of the true God, to preach righteousness, and to correct and restore the imperfection and mis-carriages of human nature; that he was of a most holy and exemplary life; that he was the true Word of God, the Apostle, or Embassador of God; that his Gospel was revealed to him from heaven, and that he is in heaven standing nigh to the throne of God. They blaspheme indeed with a bruitishness and stupidity only befitting *Turks*, the mysteries of the Holy Trinity, and of the Divinity of our Blessed Saviour, and deny that he was put to death, and say, that another in his shape was crucified by the *Jews*, and that he himself was assumed into heaven in his body without dying at all, and consequently they will not own, that he satisfied Divine Justice for the sins of the world; so great an affinity is there between the heresy of *Socinus* and professed *Mahometism*.

I could never yet see any *Turkisb* translation of the *Koran*: they cry up the elegance of the stile, which being enthusiastic and high flown, by reason also of the tinkling of the periods, is very delightful to their ears, who seem to be affected with rhyme mightily. Though I suppose it is upon a more politic account, that they are so averse, as to the translating it into their vulgar language, not out of respect to the sacredness of the original only, whose full commanding expressions they think cannot be translated without a great diminution to the sense; but to keep it in greater veneration among the people, who might be apt to slight and dis-esteem it, should it become thus common among them. It is enough that the Priests and learned men explain the difficult passages of it to the people, and write commentaries for the use of the more curious and inquisitive. The *Perians* on the contrary, think it no disparagement to the *Arabic*, or profanation of the sense, to translate this cursed book into their own language, and copies are frequent among them.

The Grand Signior's women are usually the choicest beauties of the Christian spoils, presented by the Bashaws or *Tartars*. The present *Sultana*, the mother of the young Prince *Mustapha*, is a *Caddiot*, the *Valide*, or the Emperor's mother, a *Ruffian*, the daughter of a poor Priest, who with her relations were seized upon by the *Tartars*, in an incursion which they made into the *Muscovites* country. She being received into the Sera-glio by her beautiful complexion and cunning behaviour, gain'd the heart and the affection of Sultan *Ibrahim*, (a man wholly addicted to soft pleasures, and who seldom cared to be long absent from the womens apartment, but chose to spend his time among them.) Having the good fortune to be the mother of the Prince *Mahomet*, the eldest son of his father, who now reigns, she had all the honours that could possibly be done her, and was the beloved *Hazaki*, or chief concubine. During this height of splendour and glory, the court removing from *Constantinople* to *Adrianople*, distant about an hundred and twenty miles, as she was passing in great state, attended with her guards through the streets of the city, in a coach much like our carriage waggons, but that they

they are letticed to let in the air, for no one must presume to stare or scarce look upon the women, much less must they themselves suffer their faces to be seen in this jealous country, she out of curiosity looking through the holes, saw a poor Christian slave in a shop where sugar and such like wares were sold. Upon her return she sent one of her Eunuchs to enquire for the person, and to ask him several questions about his country, relations, friends, and the time when and how long he had been a slave ; his answers were so particular and satisfactory, that she was soon convinced of the truth and certainty of her apprehensions, when she first cast her eyes upon him, that he was her brother, and accordingly it proved so. Whereupon acquainting the Emperor with it, she immediately redeem'd him from his patron, and having made the poor wretch turn *Turk*, got him considerably preferr'd.

The Bashaws for the most part are the sons of Christians, taken into the Seraglio, near the Emperor's person, and so are preferr'd to considerable governments, or else they raise themselves by their conduct and valour. *Mahomet* Bashaw, in the time of *Acbmet*, whose eldest daughter he marry'd, was the first natural *Turk* that was made chief Vizier, having before been Captain Bashaw. The chief Vizier *Mahomet Cupriuli* (who settled the empire in the minority of this Emperor, when it was ready to be shaken into pieces, and dissolved by several powerful factions in the state, and by the mutinies and discontents of Janizaries and Spahis, who drove different ways) was an *Albanese* by birth, the son of a *Greek* Priest, whom out of the height of his zeal for *Mahomet*, he made turn *Turk* in his old age, and converted the Christian church in the village where he was born into a mosque. This man also forbade the Dervises to dance in a ring and turn round, which before was their solemn practice at set times before the people, which they would do so long, till they were giddy by this swift circular motion, and fell down in a swoon, and then oftentimes upon their recovery from such trances, they pretended to revelation. The church-men are not very kind to his memory, looking upon him as a man of little or no religion ; and they give out that if he had lived, he would have forbid their calling to prayers from the spires of their mosques,

Mosques, and hanging out lamps ; both which they look upon as solemn and essential to the exercise of religion ; but he as the effect of bigotry and superstition.

They have a mighty honour and esteem for Physicians, for tho' they are of opinion, that they cannot with all their art prolong life, the period and term of it being fatal, and absolutely determin'd by God, yet they often consult them upon any violent sickness or pain, in order to make the time allotted them in this world more pleasant and easy. It is extraordinary rare, that a natural Turk makes Physic his profession and study. They who practise it among them, when I was in Turkey, were for the most part Greeks and Jews, who know nothing of chymical medicines, but follow the usual methods, which they learn'd in Italy and Spain, the former having study'd in Padua, and the latter in Salamanca, where they pass'd for good Catholics. And I remember I met with a certain Jew Physician, who had been a Capucine in Portugal. During the tedious siege of Candia, the Vizier, what with melancholy, and what with the ill air of the camp, finding himself much indisposed, sent for a Christian Physician, Signior Maffalini, a subject of the Republic of Venice, but marry'd to a Greek woman, by whom he had several children, who was our neighbour at Pera, an experienced able man, to come speedily to him, and made him a present of about a thousand dollars, in order to fit himself for the voyage, and bear the expence of it. By this worthy gentleman's care he recover'd his health, and would not permit him to depart till after the surrender of that city, which might be about seven months after his arrival there, treating him in the mean while with all imaginable respect. During our short stay as Bursia, one of our Janizaries accidentally discoursing with a Turk about us, whom he knew to be Franks, told him that there was a Physician in the company, who had been lately at the Grand Signior's court at Salonichi with the English Ambassador, and was now upon his return from Constantinople to Smyrna, where he lived. This presently took vent, and the Turks thought that they had got a man among them that could cure all diseases infallibly ; for several immediately came to find us out in behalf of themselves or their sick friends, and one of the most consider-

able men upon the place, desired the Doctor to go to his house to visit one of his women sick in bed, who being permitted to feel her naked pulse (for usually they throw a piece of fine silk or curle over their womens wrists at such times) soon discover'd by that and other symptoms and indications of her distemper, that opening a vein would presently give her ease, and recover her ; which he did accordingly ; for which he received an embroidered handkerchief instead of a fee, and gained the reputation of having done a mighty cure.

They have little of ingenious or solid learning among them ; their chief study next to the *Koran*, being metaphysical niceties about the Attributes of God, or else the maintenance of other odd speculative notions and tenents, derived down to them from some of their famed masters and holy men, whom they pretend to follow. Their knowledge of the motion of the heavens, for which the *Arabians* and the other eastern nations have been so deservedly famous, as their Astronomical Tables of the Longitude and Latitude of the fixed stars, and of the appulse of the Moon to them, fully evince, is now very mean, and is chiefly studied for the use of Judiciary Astrology. The great instrument they make use of is an Astrolabe, with which they make very imperfect observations, having no such thing as a Quadrant or Sextant, much less a Telescope, or any mechanical engine, to direct and assist them in their calculation. Their skill in Geography is as inconsiderable ; I remember I heard the Captain *Bashaw*, whom they stile Admiral of the Black and White Seas, meaning the *Euxine* and the *Mediterranean*, ask this silly question, Whether *England* were out of the Straights ? and another time the *Caymacan*, or Governor of *Constantinople*, hearing that *England* was an island, desired to know how many miles it was about, in order, we supposed, to make and estimate of our King's greatness and strength, by the extent and compass of it.

One of the great Astrologers of *Constantinople*, having heard that I had a pair of globes in my chamber, made me a visit on purpose to see their contrivance, being introduced by a worthy gentlemen of our own nation. After the first ceremonies were over, I took my terrestrial globe, and rectify'd it to the position of the place, and pointed

pointed to the several circles both without and upon it, and told him in short the several uses of them ; then shewed him how *Constantinople*, beared from *Candia*, at that time besieged, *Cair*, *Aleppo*, *Mecca*, and other chief places of the empire, with the other parts of the world ; at which he was mightily surprized to see the whole earth and sea represented in that figure, and in so narrow a compass, and pleased himself with turning the globe round several times together. Afterwards I set before him the celestial globe, and rectify'd that, and shew'd him how all the noted constellations were exatctly described, and how they moved regularly upon their poles, as in the heavens ; some rising, and others setting, some always above the horizon, and others always under, in an oblique sphere, and particularly what stars wculd rise that night with us at such an hour ; the man seem'd to be ravish'd with the curiosity of it; turning this globe also several times together with his finger, and taking a pleasure in viewing the motion of it ; and yet this silly animal pass'd for a conjurer among the *Turks*, and was look'd upon as one that could foretel the events of battels, the fates of empires, and the end of the world.

They have no genious for sea-voyages, and consequently are very raw and unexperienced in the art of navigation, scarce venturing to sail out of sight of land. I speak of the natural *Turks*, who trade either in the Black Sea or some part of the *Morea*, or between *Constantinople* and *Alexandria*; and not of the pyrates of *Barbary*, who are for the most part renagado's, and learnt their skill in Christendom, which they exercise so much to the terror and damage of it. A *Turkish* compass consists but of eight points, the four cardinal and four collateral ; they being at a mighty loss how to sail by a side-wind, when by hauling their sails sharp they might lie their course, and much more, when they are in the winds eye, not knowing how to make tacks and boards, but chuse rather to make haste into some neighbouring port, till the wind blows fair. An *English* and *Turkish* vessel, both bound for the bay of *Salonichi*, at the time of the Grand Signior's being there, pass'd together out of the *Hellefpon*, but foul weather hapening, the *Turk* got into *Lemnos* ; while our men kept at sea, and pursued their voyage, and after three weeks stay returned back to us, observing in their

way, that the *Turks* remained in the same place where they left them, for want of a fore-wind to put to sea in.

They trouble not themselves with reading the histories of other nations or of ancient times, much less with the study of chronology, without which history is very lame and imperfect; which is the cause of those ridiculous and childish mistakes, which pass current and uncontradicted among them. For instance, they make *Job* one of *Solomon's* Judges, and (*Iscander*) *Alexander the Great*, Captain General of his army. They number *Philip of Macedon* among the ancestors of our Blessed Saviour, and believe that *Sampson*, *Jonas*, and *St George* were his cotemporaries. In this they are more excusable than their false Prophet *Mahomet*, who in his *Koran* has perverted several historical notices in the writings of the Old Testament, and is guilty of vile and absurd *Pseudo-chronisms*. To remedy this defect, of which he was very conscious, and the better to understand the state of Christendom, and the particular kingdoms and republics of it, the late great and wise Vizier *Achmet*, made his interpreter *Panagiotti*, a learned Greek, at leisure hours, even at the siege of *Candia*, as well as at other times, read several ancient histories to him, and render them *extempore* into the *Turkish* language, and particularly *Blaeus Atlas*, with which he was mightily pleased, and made great use of, and truly gained the reputation of a solid and judicious Statesman, as well as Soldier among the Christian ministers, who in the ordinary course of their negotiations apply'd themselves to him.

Tho' their year be according to the course of the moon, and so the *Turkish* months run round the civil year in a circle of thirty three years and a few odd days, yet they celebrate the *Neuruz*, which signifies in the *Persian* tongue, the New-year, the twenty first day of *March*, (on which day the Veneral Equinox was fixed by the *Greeks* and other *Oriental Christians*, in the time of the Emperor *Constantine*, who made no provision for the *αρχης ιερουργίας*, or procession, which in process of time the inequality between the civil and astronomical year must necessarily produce) at which time the *Cadi's* and other annual magistrates, and farmers of the customs take place, and reckon to that day twelve month again.

In

In their civil deportment and behaviour one towards another, the left hand is the more worthy and honourable place, except among their Ecclesiastics ; and the reason they allege is, because they write from the right hand, and the sword is worn on the left side, and so is more at his disposal, who walks on that hand. The chief Vizier accordingly in the Divan sits at the left hand of the Mufti, each maintaining their right of precedence, according to this way of decision.

In their Mosques they sit without any distinction of degrees.

Some of the more zealous *Turks* cause to be engraven on their scymeters and bucklers a sentence out of the sixty first *Surat*, which is concerning fighting or battle-array, and contains encouragements to fight in the way and path of God, as the Impostor's words are ; for which he assuages them, besides assistance from heaven, to help them to get the victory over their enemies, and that God will pardon their sins, and bring them to Paradise. Thus spirited with zeal, a *Turk* lays about him with fury, when he is a fighting, and seems ambitious of dying to gain the delights of Paradise, at least indifferent whether he dies or lives.

The *Turks* are, as to their temper serious, or rather enclining to morosity, seldom laughing, which is accounted an argument of great vanity and lightness. They perform the exercises which they use in the way of diversion, as shooting and hunting, with a great deal of gravity, as if they designed them more for health than for pleasure ; and this too but seldom. The better and richer sort who have nothing to do, sitting all day at home, lolling upon a Sofa, or raised place in their rooms, and taking tobacco, which their slaves fill and light for them ; and if they retire in the Summer or Autumn for a week or fortnight, to some convenient fountain in a wood, with their women, it is chiefly to enjoy the refreshments of the cool air. In the times of triumph indeed for some great success obtained against the Christians, when the shops are open for three nights together, and hung with lights, as well as the spires of the Mosques in curious figures, they are guilty of extravagant mirth, running up and down the streets in com-

panies, and sometimes singing and dancing after their rude way ; but this fit being over, they soon return to their former melancholy. In the coffee-houses where they use to resort to tipple, there is usually one hired by the owners to read either an idle book of tales, which they admire as wit, or filthy obscene stories, with which they seem wonderfully affected and pleased, few of them being able to read. These are the schools which they frequent for their information, tho' in times of war when things went ill with them, their discourses would be of the ill government ; and the Grand Signior himself, and his chief ministers, could not escape their censures, which manifestly tending to sedition, and to the heightning of their discontent by their mutual complaints, and by this free venting of their grievances during the war at *Candia*, the wise Vizier seeing the evil consequences that would follow, if such meetings and discourses were any longer tolerated, commanded that all the public coffee-houses should be shut up in *Constantinople*, and several other great cities of the empire, where the malecontents used to rendezvous themselves, and find fault upon every ill success and miscarriage, with the administration of affairs.

The custom of the *Turks* to salute the Emperor, or the Vizier Bashaws, with loud acclamations and wishes of health and long life, when they appear first in their houses or any public place, is derived from the *Greeks*, who took it from the *Romans*. This was done by them in a kind of singing tone ; whence *Luitprandus*, Bishop of *Cremna* tells us, that in a certain procession (*περιέλαυσις*) at which he was present, they sang to the Emperor *Nicophorus πολλαὶ ἔτη*, that is, Many Years, (which *Codinus*, who lived just about the taking of *Constantinople* by the *Turks*, expresses by *τὸν ξάλλειν τὸν πολυχρόνιον*, or by *τὸν πολυχρόνιζειν*, and to wish or salute by *πολυχρόνισμε*) and at dinner the *Greeks* then present wish'd with a loud voice to the Emperor and *Buradas*, *Ut Deus annos multiplicet*, as he translates the Greek.

The *Turkish* coin in itself is pitiful and inconsiderable, which I ascribe not only to their want of bullion, but to their little skill in matters relating to the mint. Hence it comes to pass, that *Zecchines* and *Hungars*

Hungars for gold, and *Spaniſh Dollars* and *Zalotts* for silver stamped in Christendom pass current among them, most of the great payments being made in them, they not caring either through ignorance or sloth, to follow the example of the *Indian* or *Persian* Emperors, who usually melt down the Christian money imported by the Merchants into their several countries, and give it a new stamp. The most usual pieces are the *Sherphi* of gold, somewhat less than a *Veneſian Zecchine*, and *Aspers*, ten of which are equal to six pence *English* and some few *Asper* pieces. A *Mangur* is an old ugly copper piece, eight of which make but one *Asper*, and is not I think a *Turkiſh* coin, but rather *Greek*. They have no arms upon their coin, only letters embossed on both sides, containing the Emperor's name, or some short sentence cut of the *Koran*.

The *Turks* look upon earthquakes as ominous, as the vulgar do upon eclipses, not understanding the philosophy of them. During my stay in *Constantinople*, which was above two years, there happen'd but one, which was *October 26, 1669*, about six o'clock in the morning, a stark calm preceding. It lasted very near a minute, and we at *Pera* and *Galata* were as sensible of it as those who were on the other side of the water; but, praised be God, nothing fell, and we were soon rid of the fears in which this frightful accident had cast us, being in our beds, and not able, by reason of the surprize, in so little a space to have past thro' a gallery down a pair of stairs into the court, if we had attempted it. The *Turks* made direful reflections on it, as if some calamity would inevitably fall upon the empire, quickly forgetting the great triumphings and rejoicings which they exprest but a few days before for the surrender of *Candia*. In the year 1668, in *August*, the earth shook more or less for forty seven days together in the lesser *Asia* at *Anguri* (*Anoyra*) and for fifteen at *Bacbasar*, as we heard from a *Scotch* Merchant, who lived there; and particularly, that at this latter place, on the second of *August*, between three and four o'clock in the afternoon it lasted for a quarter of an hour; several houses were overthrown, and some hundred of chimneys fell (it being a very populous town)

and yet there were but seven kill'd. The trembling being so violent, both *Turks* and Christians forsook their houses, and betook themselves to the fields, vineyards and gardens, where they made their abode for several days.

Their punishments are very severe, this being judg'd the most effectual way to prevent all public disorders and mischiefs. They use no great formality in their processes; if the criminal be taken in the fact, and the witnesses ready and present to attest it, and sometimes if there be but probable circumstances, without full conviction, condemn him; and soon after sentence, sometimes an hour or less, hurry him away to execution. For an ordinary crime, hanging is the usual death; but for robbery and murder committed upon the highway, by such as rob in parties and alarm whole provinces, or for sacrilege, or for any heinous crime against the government, either gaunching or excoriation, or cutting off the legs and arms, and leaving the trunk of the body in the high-way, or empaling, that is, thrusting an iron stake through the body out under the neck or at the mouth; in which extreme torment the miserable wretch may live two or three days, if the guts or the heart happen not to be wounded by the pointed spike in its passage. This punishment seems to have been in use among the *Romans*, *Seneca's Epist. 14. Cogita hoc loco carcerem, & cruces, & eculeos, & uncum, & adactum medium hominem, qui per os emergat, stipitem.* And so in his book *De Consolatione ad Marciam, cap. 20. Alii capite conversos in terram suspendere; aliis per obscena stipitem egerunt, alii brachia patibulo explicuerunt.* Murder is seldom pardon'd, and especially if the relations of the murder'd person demand justice.

The Circumcision, though it be a sacred rite, is perform'd in their private houses, and never in the Mosques.

The women colour their eye-brows and lids with an ugly black powder, I suppose, to set off their beauty by such a shadow; and their nails with the powder of *Kanna*, which gives them a tincture of faint red, like brick,

brick, as they do the tails and hoofs of horses, which they look upon as a great ornament. Their great diversion is bathing ; sometimes thrice if not four times a week. They do not permit them to go to church in time of prayer, for fear they should spoil their devotion ; the *Turks* being of so brutish a temper, that their lust is raised upon the sight of a fair object. They are call'd oftentimes by the names of flowers and fruits, and sometimes fantastic names are given them, such as *Sucar Birpara*, or bit of sugar, *Dil Ferib*, or ravisher of hearts, and the like.

Their skill in agriculture is very mean. In their gardens they have several little trenches to convey water where it may be most necessary for their plants and flowers. They know little or nothing of manuring their grounds ; sometimes they burn their fields and vineyards after harvest and vintage, partly to destroy the vermin, and partly to enrich the soil. They tread out their corn with oxen, drawing a square plank board, about a foot and an half or two foot over, studded with flints, and winnow it upon their threshing-floors in the open air, the wind blowing away the chaff. They feed their horses with barley and chopt straw, for I do not remember ever to have seen any oats among them ; and they make but little hay.

For draught of great weight in their carts they make use of Buffalo's.

Camels will travel four days together without water, and will eat tops of thistles, shrubs, or any kind of boughs : They are very sure footed, and kneel when they are loading, and live to a considerable number of years, some even to sixty.

The chief furniture of their houses are carpets, or matts of Grand *Cairo*, neatly wrought with straw, spread upon the grouud ; they having no occasion for chairs, couches, stools, or tables, their postures within doors being different from ours. They have no hangings, but their walls are whitened and set off with painting, only adorned with a kind of porcelain ; no beds closed with curtains.

They seal not with wax, but ink, at the bottom of the paper, the Emperor's name being usually written with

with flourishes and in perplex'd characters ; nor have they any coats of arms upon their seals, there being no such thing as gentility among them.

Some of them, notwithstanding their zeal for *Mahomet* and the religion by him establish'd, retain not only a favourable and honourable opinion of our Blest Saviour, but even place some kind of confidence in the usage of his name, or of the words of the Gospel, though it may seem to be wholly in the way of superstition. Thus in their amulets, which they call *Chaimili*, being little bits of paper about two or three fingers breath, rolled up in pieces of silk, containing several short prayers or sentences out of the *Koran*, with several circles with other figures, they usually inscribe the holy and venerable name of *Jesus*, or the figure of the crois, or the first words of St *John's* Gospel, and the like. They hang them about their necks, or place them under their arm-pits, or in their bosom near their hearts, (being the same with what the Greeks call ἐξόληπτα) and especially when they go to war, as a preservative against the dangers of it ; and indeed against any misfortune whatsoever. Some have them sow'd within their caps ; and I heard of a *Turk* who was so superstitious herein, that he always pluck'd it off, and was uncover'd, when he had occasion to make water. Some are such bigots in their religion, and so furious against Christians, that not only they treat them with all imaginable scorn and contempt, but take it ill to be salam'd or saluted by them, as if it were the effect of sawciness and unbecoming familiarity. Their malice against the Christians makes them envy the rich furs they line their vests with, and it is a trouble to these hypocritical zealots to see *Franks* ride upon their fine *Arabian* horses.

The respect which they shew the *Koran* is wonderful ; they dare not open the leaves of it with unwashen hands, according to the advice and command written in *Arabic* upon the cover, *Let no one touch this book, but he that is clean.* They kiss it, and bend their heads, and touch their eyes with it, both when they open and shut it.

The

The Janizaries, when they attend upon Christian Embassadors to their audience, seem to appear in their bravery, and in a habit far from that of a soldier, being without either fire-arms or swords, which latter are not worn but in time of service, or when they are upon a march, or embodied, wearing a cap made of camels hair, with a broad flap dangling behind, a gilt embroider'd wreath running round it, and an oblong piece of brass rising up from the middle of their forehead near a foot, with a great club in their hand, like inferior officers of the civil government. But when they are in the camp, they throw off their upper vest and turbants, which they wear at all other usual times, as troublesome, and put on a fez or red cap, which fits close to their head, and tuck up their *Duliman* or long coat to their girdle, that they may be the more quick and expedite in their charge.

They affect finery and neatness in their cloaths and shashes ; not so much as a spot to be seen upon them, and in rainy or suspicious weather are very careful how they go abroad without their *Yamurlies*, which is a kind of coat they throw over their heads at such times.

Their pans and dishes are for the most part of copper, but so handsomely tinned over, that they look like silver.

There are thousands of Gypsies or *Zinganies* in Turkey, who live the same idle nasty kind of life as they do in Christendom, and pretend to the same art of telling fortunes ; and are look'd upon as the off-scouring of mankind. It is accounted the extremest point of human misery, to be a slave to any of this sort of cattle.

The *Haggi* or Pilgrims, that have been at *Mecca* and *Medina*, forbear to drink wine most religiously, out of a persuasion, that one drop would efface all the merits of that troublesome and expensive journey ; and some have been possest with such a mad zeal, that they have blinded themselves after their having been blest with the sight of *Mahomet's* sepulchre.

After *Fatzah*, that is, an hour and an half in the night, throughout the whole year, there is as great a silence in the streets as at midnight. The Emperor *Acbmet*, in the year 1611, having made an order, that no one should presume to be out of his house after that time, which is to this day most punctually observed. The *Bostangi basbi*, who has the command of all the *Agiamoglans* in the Seraglio, the *Topgibashi*, or such great officers, attended with a great train of armed men, walking the rounds, and drubbing such as they find abroad at unseasonable hours, of what nation or quality soever, except Physicians, Chirurgions, and Apothecaries, whom they allow at all times to visit the sick.

The *Turkmans*, (for so they are peculiarly called, as if they were the true descendants of the old *Turks* or *Scythians*, whose wandring kind of life is described by the Poet,

‘*Auaξόβει*’ } *Nulla domus, plaustris habitant, migrare  
per arva  
Mos, atque errantes circumvallare pe-  
nates.)*

have no fix'd residence any where, but travel with their families and cattel from place to place, carrying their wives and children upon camels ; they pitch their tents usually near rivers and fountains, for the conveniency of water, and according as their necessities require, make a longer and shorter stay. Their whole estates consists in their numerous flocks and herds, which they sell upon occasion, to supply themselves with what they want, at the towns they pass by. Their only concern is, how to enjoy the benefits and blessings of nature, without the troubles and turmoils and disquiets of life, being contented and happy in one anothers company, void of all ambition and envy, courteous and humane to strangers, that may want their help and assistance, kindly entertaining them with such provision as their folds afford. I have met with some companies of these harmless wanderers in my travels. The country lies open without any enclosures, and the property not being vested in any one, they travel thro' the plains unmolested, and find excellent pasture every

every where. The *Turks* till no more ground than will serve their necessities, being supply'd with corn from *Egypt*, and from *Moldavia* and *Wallachia*, by the way of the Black sea , letting vast tracts of ground lie waste and uncultivated ; so that their sloth herein sometimes is justly punish'd with dearths.

They have nothing to shew for their houses and possessions, but an *Hogiet*, or piece of paper subscribed by the *Cadi*, if they have acquired them by their money, or that they were their father's before them.

The Dervises generally are melancholy, and place the greatest part of their religion in abstinence and other severities. Some cut their flesh, others vow not to speak for six or seven years, or all their lives long, though never so much provoked or distressed. Their Garments are made of a coarse sort of wool, or goats hair : They are tied up by the vow of their order ever from marrying. Several of this sect, in the height of their religious phrenzy, have attempted upon the lives of the Emperors themselves (at whose government they have taken disgust) as *Mahomet II*, and *Achmet*, as if such desperate attempts were fatal to bigots in all religions.

They pay a mighty veneration to any relic of *Mahomet*, his banner is still preserved in the treasury of the Seraglio, and is looked upon as the greatest security of the empire. They believe that it was sent from Heaven, and conveyed into the hands of *Mahomet* by the Angel *Gabriel*, as a pledge and sign of success and victory in his battels against the Christians, and all other enemies of the *Musulman* faith. It was sent to *Candia*, to encourage the Soldiers to endure the fatigue of that long and tedious siege ; and when it was brought thence after the surrender of that city, to be deposited in it's usual place, the Vizier gave several Christian slaves, that row'd in the galley that was fraught with this holy ware, their liberty. They pretend to have some rags of *Mahomet's* vest, to which they ascribe great virtue. In confidence of which the Emperor *Achmet*, in the time of a great fire, which raged at *Constantinople*, when all other means failed, dipt part of them in water to be sprinkled upon the fire to abate the fury of it.

Next

Next to the Mufti or Cadaleskiers are the Mollas, of which these four are the chiefeſt in dignity. The Molla of *Galata*, *Adrianople*, *Alppo*, *Prufa*; and after them are reckoned these eight, *Stambol Ephendi*, *Larissa*, *Mifir* or *Cairo*, *Sham* or *Damuscus*, *Diarbeker* or *Mesopotamia*, *Cutaia*, *Sophia*, *Philippi*.

The Priests have no habits peculiar to their profession, whereby they are diſtinguished from others. If they are put from their Mosque for miscarriage or neglect of doing their duty, or if they think fit to resign and be Priests no longer, they may betake themselves without any scandal to ſecular employmens, their former character and quality wholly ceaſing. While they remain Priests, they counterfeiſt a more than ordinary gravity in their diſcourse and walking: And affect to wear turbants ſwelling out, and made up with more croſs folds; which was all the diſference which I could obſerve by their head-attire, which is various, though I could not find that this was conſtantly and ſtrictly obſerved.

In *Byram*-time, which is the great festival of the year, at which time every one looks cheerfully and merrily. Among other ſigns of mutual reſpect, they besprinkle one another with ſweet water: They indulge to ſeveral ſports; and ſome are mightily pleafeed with ſwinging in the open air, the ordinary ſort of people eſpecially, paſying only a few Aſpers for the diuerſion.

The government is perfectly arbitrary and deſpotical; the will and pleasure of the Emperor having the force and power of a law, and oftentimes is above it. His bare command, without any proceſs, is enough to take off the head of any perfon (though never ſo eminent in dignity; though uſually for formality, and to silence the murmurings of the ſoldiery and people, the ſentence is confirmed by the Mufti.) Sometimes Baſhaws, who have amafſed great treasures in their governments, are cut off in their own houses in the midſt of their retinue, the meſſengers of death producing the Imperial Command, uſually ſent in a black purſe, and not a ſword drawn in their defence. Others, if they are obnoxious to the leaſt umbrage or jealousy, though diſmiſt the Seraglio with all poſſible demoſtrations of the Grand Signior's favour, and with rich preſents in order to take poſſeſſion

possession of places of great command in the empire, before they have got two or three days journey from *Constantinople*, have been overtaken and strangled. In the army commands are given according to merit ; courage and conduct are sure to be rewarded, the way lying open to the meanest soldier to raise himself to be the chief of his order. But other preferments depend upon meer chance, and upon the fancy of the emperor, whether the person be fit or no, and they are as soon lost. The least ill success or miscarriage proves oftentimes fatal, and a more lucky man is put in his place, and he succeeded by a third, if unfortunate in a design, though mariaged with never so much prudence and valour. They admit of no hereditary honours, and have no respect to descent or blood, except the *Ottoman* family ; he only is great and noble whom the Emperor favours, and while his command lasts. According to a tradition that passes current amongst them, a Bashaw's son by a *Sultana*, or a daughter or sister of the Emperor, can rise no higher than to be a *Sangiachi*, or Governor of some little province, much inferiour to a Bashaw, and under his jurisdiction. Being born of slaves for the most part, they do not pride themselves in their birth, very few among them being scarce able to give any account of their grandfathers. They have no surnames, but are distinguished by their possessions and places of abode, and enjoying by law a liberty of having what women they please, they have little or no regard to alliance or kindred.

Their empire owes the continuance of it's being to the severity of the government, which oftentimes takes place without regard either to justice or equity, and to their frequent wars, which prevent all occasions of mutiny and faction among the Soldiers, which happen frequently when unemploy'd. So that tho' ambition may put a warlike Sultan upon enlarging his territories by new conquests, yet reason of state forces a weak and effeminate Prince, such as was *Ibrahim*, to make war for his own security. Their politics are not owing to books and study, and the examples of past-times, but to experience, and the plain suggestions of nature and common sense : They have rules of government, which

they

they firmly adhere to, holding the reins streight, especially being cruel and inexorable to criminals of state, who never are to expect any mercy or pity. Their councils formerly were open, and their designs known, and proclaimed before-hand, as if this had been a bravery becoming their greatness, and that they scorned to steal a conquest. But they have learned since the art of disimulation, and can lye and swear for their interest, and seem excessive in their careffes to the ministers of those countries, which they intend to invade. But their preparations for arming are made with so much noise, that an ordinary jealousy is soon awakened by it to oppose them, in case of an attack. They seldom or never care to have war at both extremes of the empire at the same time, and therefore they are mighty sollicitous to secure a peace with *Christendom*, when they intend a war upon the *Persian*; and as much as is possible, they avoid quarrelling with two *Christian* Princes at once, being usually at league either with *Poland* and *Muscovy*, when they war upon *Hungary*, and so on the contrary; dreading nothing more than a union of the *Christian* Princes bordering upon them, which would prove so fatal to their Empire, and quickly put a period to their greatness; for hereby they would be put upon a necessity of making a defensive war, to their great loss and disadvantage, and at last either be forced to beg a peace of the Christians, or run the hazard of losing all by a farther prosecution of war.

This they are very sensible of, and therefore as they take all occasion to promote quarrels and dissentions in *Hungary* and *Transilvania*, so they greatly rejoice, when the *Christian* Princes are at war one with another. This is their great time of advantage, and they know, that it is their true interest to pursue it, tho' they do not always, by reason of the ill condition of their own affairs make use of it. During the civil wars of *Germany*, the Bashaws and other commanders of the army were very importunate with the Grand Signior, to make a war on that side, and to enlarge his conquests as far as *Vienna*, no conjuncture having been ever so favourable to consumate such a design, in which *Solyman* so unhappily miscarry'd. They promised him an easy

easy victory, assuring him, that the animosities of the Princes of the empire were so heightened, that there was no room left for a reconciliation, that he was but to go in the head of an army to take possession, and that *Austria* would surrender at the first news of his march towards it. The Emperor was not to be moved at that time by these insinuations and plausible discourses ; being continually urged, he as often deny'd. One day when they came to renew their advice about the *German* war, he having given order before, that several dogs should be kept for some days without meat, commanded that they should be brought out, being almost starved, and meat thrown among them ; whereupon they snarl'd and bit one another ; in the midst of their noise and fighting he caused a bear to be let loose in the same area ; the dogs forgetting their meat and leaving off their fighting, ran all upon the bear, ready to pray upon them singly, and at last killed him. This diversion the Emperor gave his Bashaws, and left them to make the application.

A certain prophecy of no small authority runs in the minds of all the people, and has gain'd great credit and belief among them, that their empire shall be ruin'd by a northern nation, which has white and yellowish hair. The interpretation is as various as their fancy. Some fix this character on the *Moscovites* ; and the poor *Greeks* flatter themselves with foolish hopes, that they are to be their deliverers, and to rescue them from their slavery, chiefly because they are of their communion, and owe their conversion to the Christian faith, to the piety and zeal of the *Grecian* Bishops formerly. Others look upon the *Sweeds* as the persons described in the prophecy, whom they are most to fear. The ground and original of this fancy, I suppose, is owing to the great opinion which they have of the valour and courage of that warlike nation. The great victories of the *Sweeds* in *Germany*, under *Gustavus Adolphus*, were loudly proclaim'd at *Constantinople*, as if there were no notwithstanding the shock and fury of their arms ; and their continued successes confirmed the *Turks* in their first belief, and their fears and jealousies were augmented afterwards, when *Charles Gustave*, a Prince of as heroic

a courage, and as great abilities in the art and management of war, as the justly admired *Gustavus*, entered *Poland* with his army, and carry'd all before him, seized upon *Warsaw*, and drove *Casimire* out of his kingdom, and had almost made an entire and absolute conquest, only a few places holding out. This alarmed the Grand Signior and the Bashaws of the *Porte*, as if the prophecy were then about to be fulfilled, who did not care for the company of such troublesome neighbours, who might push on their victories, and joining with the *Cossacks*, advance their arms farther, and make their country the seat of war, which might draw after it fatal consequences. To prevent which couriers are dispatched from *Constantinople* to *Ragotzki*, Prince of *Transilvania*, then in concert with the *Sweeds*, to command him to retire with his army out of *Poland*, as he valued the peace and safety of his own country, and the friendship of the Grand Signior, whose tributary he was, and by whose favour he had gained that principality; and the *Crim-Tartars*, the sworn enemies of the *Poles*, who at that time lay heavy upon them, were wrought upon by the same motives and reasons of state, to clap up a peace with them, that being freed from these distractions, they might unite their forces the better together, and make head against the *Sweeds*.

The Embassadors of Christian Princes, when they are admitted by the Grand Signior to an audience, their presents being then of course made, which are look'd upon as due, not to say as an homage, are dismiss'd in few words, and referred by him to his *Wakil* or deputy, as he usually stiles the chief Vizier, and a small number of their retinue only permitted the honour of kissing his vest, and then rudely enough sent away.

The Grand Signiors keep up the state of the old *Afatic* Princes; they do not expose themselves often to the view of the people, unless when they ride in triumph, or upon some such solemn occasion; when they go to the Mosques, or divert themselves in the fields, either in riding or hunting, they do not love to be stared upon or approached. It is highly criminal to pry into the sports, such an insolent curiosity being often punished with death. The story is famous of *Morad* the third, who baiting a bear in the old palace with a mastiff, and espying three fellows upon the tower

tower of *Bajazid's* Mosque, who had planted themselves to see the sport, commanded their heads to be struck off immediately, and be brought before him, which was done accordingly. Instances of such capricios are frequent in the *Turkish* history ; this following happen'd during my stay at *Constantinople*.

Upon the return of Vizier *Achmet* from *Candia*, after the surrender of that city, and a happy end put by him to that tedious and bloody war, he acquainting the present Emperor, then at *Adrianople*, with the history of that famous siege at large, made such terrible representations of their and the *Venetians* mining and countermining one another, that the Emperor was resolved out of curiosity to see the experiment made of a thing that seemed to him almost incredible. A work was soon raised and undermined, and above thirty murderers and robbers upon the highway, and such like villains were put into it, as it were to defend it. The Grand Signior stood upon an eminence at some considerable distance, expecting the issue of it : upon a signal given, the mine was sprung, and the fort demolish'd, and the poor wretches torn peacemeal, to his great satisfaction and amazement.

The moon is the auspicious planet of the *Turks* ; according to the course of which they celebrate their festivals. They begin their months from the first appearance of it, at which time they chuse, except a delay brings a great prejudice and inconvenience with it, to begin their great actions. The crescent is the ensign of the empire, which they paint in their banners, and place upon the spires of their Mosques. Next to the day of the appearing moon, they pitch upon Friday, to fight upon, to begin a journey, and especially their pilgrimage towards *Mecca*, or do any thing of great consequence, as very lucky and fortunate.



*An account of the latitude of Constantinople and Rhodes; written by the learned Mr John Greaves, sometime professor of astronomy in the university of Oxford, and directed to the most reverend James Usher, Archbishop of Armagh.*

UPON intimation of your Grace's desires, and upon importunity of some learned men, having finished a table as a key to your Grace's exquisite disquisition, touching *Asia*, properly so called; I thought myself obliged to give both you and them a reason, why in the situation of *Byzantium*, and the island *Rhodus*, (which two eminent places I have made the *διατήρια*, and bounds of the chart) I dissent from the traditions of the ancients, and from the tables of our late and best Geographers, and consequently dissenting in these, have been necessitated to alter the latitudes, if not longitudes, of most of the remarkable cities of this discourse. And first for *Byzantium*, the received latitude of it by *Appianus*, *Mercator*, *Ortelius*, *Maginus*, and some others, is forty three degrees and five minutes. And this also we find in the *Basil* edition of *Ptolomy's Geography*, procured by *Erasmus* out of a Greek MS. of *Pettichius*. The same likewise is confirmed by another choice MS. in Greek, of the most learned and judicious Mr *Selden*, to whom for this favour and several others, I stand obliged. And as much is expressed in the late edition of *Ptolomey* by *Bertius*, compared and corrected by *Sylburgius*, with a MS. out of the *Palatine library*. Wherefore it cannot be doubted, having such a cloud of witnesses, but that *Ptolomey* assigned to *Byzantium* as our best modern Geographers have done, the latitude of  $43^{\circ} 5'$ . And this will farther appear, not only out of geogra-

geography, where it is often expressed, but also out of his *μεγάλη σαύραξις*, or *Almagest*, as the *Arabians* term it, where, describing the parallel passing *Δέλτα Βυζαντίου*, he assigns to it  $43^{\circ} 5'$ . What was the opinion concerning *Byzantium* of *Strabo* preceding *Ptolomy*, or of *Hipparchus* preceding *Strabo*, or of *Eratosthenes* more ancient, and it may be accurater than all of them, (for *Strabo* (lib. 2.) calls him *ταῦτα τοιούτα γεγονότα πάντας* though *Tully* (lib. Ep. ad Att.) makes *Hipparchus* often reprehend *Eratosthenes*, as *Ptolomy* after him doth *Marinus*, their writings not being now extant, (unless those of *Strabo*) cannot be determined by us. But as for *Strabo*, in our enquiry, we can expect little satisfaction; for his description of places, having more of the Historian and Philosopher, (both which he hath performed with singular gravity and judgment) than the exactness of a Mathematician, who strictly respects the position of places, without inquisition after their nature, qualities, and inhabitants, (though the best geography would be a mixture of them all, as *Abulfeda*, an *Arabian* Prince in his *Rectification of Countries*, above three hundred years since hath done;) I say for these reasons, we can expect little satisfaction from *Strabo*, and less may we hope for from *Dionysius Afer*, *Arrianus*, *Stephanius Byzantinus*, and others. Having next therefore recourse to the *Arabians*, who in geography deserve the second place after the *Grecians*, I find in *Nassir Eddin* the latitude of *Byzantium*, which he terms *Buzantiya*, and *Constantiniya*, to be 45 degrees, and in *Ulug Beg's* Astronomical Tables the same to be expressed. *Abulfeda* chiefly follows four principal authors as his guides, in the compiling of his Geographical Tables, those are *Alfaras*, *Albiruni*, *Hon' Saïd Almagraby*, lastly, *Ptolomy*, whose geography he terms a *Description of the Quadrant*, (or the fourth part of the earth) inhabited; and all these, according to his assertion, place *Byzantium* in 45 degrees of latitude. And here it may justly be wonder'd how this difference should arise between the *Greek* copies of *Ptolomy*, and those translated into *Arabic* by the command of *Almanon*, the learned Calife of *Babylon*; for *Abulfeda* expressly relates, that *Ptolomy* was first interpreted in his time, that is, in the computation of *Almechinus*, in *Er-*

penius's edition, and of *Emir Cond*, a Persian Historio-grapher, more than 800 years since; concerning which, *Abulfeda* writes thus, *This book* (discoursing of *Ptolemy's Geography*) *was translated out of the Greeian language into the Arabic for Almamon*: And in this I find, (by three fair MSS. of *Abulfeda*) *Byzantium* to be constantly placed in  $45^{\circ}$ , and as constantly in the *Greek* copies in  $43^{\circ} 5'$ . But in the *ωρίχρονα καρβες* of *Chrysococca*, out of the *Perfian* tables, (made about the year 1346. in *Scaliger's* calculation) it is placed in  $45^{\circ}$ . To reconcile the difference between the *Greeks* and *Arabians*, may seem impossible, for the common refuge of flying to the corruption of numbers by transcribers, and laying the fault on them, which sometimes is the author's, will not help us in this particular; seeing the *Greek* copies agree amongst themselves, and the *Arabic* amongst themselves.

The best way to end the dispute, will be, to give credit concerning the latitude of *Byzantium*, neither to the Greeks nor *Arabians*. And that I have reason for this assertion, appears by several observations of mine at *Constantinople*, with a brass sextant of above four foot radius. Where, taking in the summer solstice, the Meridian altitude of the Sun, without using any ~~egregia-  
palsas~~, for the parallax and refraction, (which at that time was not necessary) I found the latitude to be  $41^{\circ} 6'$ . And in this latitude in the chart, I have placed *Byzantium*, and not in that, either of the *Greeks* or *Arabians*. From which observation, being of singular use in the rectification of geography, it will follow by way of corallary, that all maps for the north-east of *Europe*, and of *Asia*, adjoining upon the *Bosporus*, *Thracius*, the *Pontus Euxinus*, and much farther, are to be corrected, and consequently the situation of most cities in *Asia*, properly so called, are to be brought more southerly than those of *Ptolemy*, by almost two entire degrees, and then those of the *Arabians*, by almost four.

Concerning Rhodes, it may be presumed, that having been the mother and nurse of so many eminent Mathematicians, and having long flourished in navigation, by the direction of these, and by the vicinity of the *Phe-nicians*, they could not be ignorant of the precise latitude

tude of their country, and that from them *Ptolomy* might receive a true information. Though it cannot be denied, but that *Ptolomy*, in places remoter from *Alexandria*, hath much erred. I shall only instance in our own country, where he situates  $\lambda\alpha\beta\epsilon\mu\sigma\tau$ , that is *London*, in  $54^{\circ}$  of latitude, and the  $\omega\epsilon\beta\mu\sigma\tau$ , or the middle of the *Isle of Wight* (which in the printed copies is falsely termed *sixtus*, but in the MSS. rightly *sixtus*) in  $52^{\circ}$  and  $20'$  of latitude. Whereas *London* is certainly known to have for the altitude of the pole, or latitude of the place, only  $51^{\circ}$  and  $32'$ ; and the middle of the *Isle of Wight* not to exceed  $50^{\circ}$ , and some minutes.

But in my judgment *Ptolomy* is very excusable in these and the like errors, of several other places far distant from *Alexandria*, seeing he must for their position, necessarily have depended either upon relations of travellers, or observations of Mariners, or upon the longitude of the day, measured in those times by *Clepsydrae*; all which how uncertain they are, and subject unto error, if some celestial observations be not joined with them, and those exactly taken with large instrument, (in which kind the ancients have not many, and our times (excepting *Tycho Brayhe*, and some of the *Arabians*) but a few) I say no man, that hath conversed with modern travellers and navigators, can be ignorant. Wherefore to excuse these errors of his (or rather of others fathered by him) with a greater absurdity, by asserting the poles of the world since his time, to have changed their site, and consequently all countries their latitudes, as *Mariana*, the master of *Copernicus*, and others after him have imagined; or else to charge *Ptolomy*, being so excellent an artist, with ignorance, and that even of his own country, as *Cluverius* hath done, from which my observations at *Alexandria* and *Memphis* may vindicate him) the former were too great a stupidity, and the latter too great a presumption. But to return to *Rhodes*, an island in *Eustathius's* Comment upon *Dyonisius's* ( $\omega\epsilon\beta\mu\sigma\tau$ ) of 920 furlongs circuit, where according to *Ptolomy*, the parallel passing  $\Delta\alpha\beta\epsilon\mu\sigma\tau$ , hath  $36^{\circ}$  of latitude, and so hath *Lindus*, and  $\Lambda\mu\nu\omega\tau\epsilon\tau$  the chief cities of the island; the same is confirmed by the MSS. but where the printed copy and *Eustathius*

read Ἰλιοντός, which Mercator renders *Talyffus*, the MS. renders Ιλιοντός. *Abulfeda* in some copies, situates the island *Rhodes*, (for he mentions no cities there) in the latitude of  $37^{\circ}$  and  $40'$ : And the geography of Said *Ibn Aly Algiorgany*, commended by *Gilbyrtus Gaulmyn*, in  $37^{\circ}$ , if it be not by a transposition in the MS of the numerical letters in *Arabic*, 37 for 36. which, by reason of their similitude, are often confounded in *Arabic* MSS. By my observations under the walls of the city *Rhodes*, with a fair brafs *Astrolabe* of *Gemma Fri-sius*, containing 14 inches in the diameter, I found the latitude to be  $37^{\circ}$  and  $50'$ . A larger instrument I durst not adventure to carry on shore in a place of so much jealousy. And this latitude in the chart, I have assigned to the city *Rhodes*, from the island so denominated, upon which, on the north-east side, it stands situated, better agreeing with the *Arabians* than with *Ptolomy*, whom I know not how to excuse.



## C H A P. VI.

*Some Observations made in a voyage to Egypt. By M. Belon.*

In our sailing between *Rhodes* and *Alexandria*, a sort of Falcon came and sate two hours upon our sails. Abundance of Quails flying from the north, southwards, fell into our ship. We observ'd in our sailing many Pelicans, and some unknown birds.

At *Alexandria*, I observ'd them to burn the *Kali* for fuel, wood being scarce; they calcine lime with the ashes, then call it *Soda*, and sell it to the *Venetians*, who melt it with a particular stone brought from *Pavia*, by the river *Tesino*, and so make their famous chrystral glas at *Muran*; but the *French* find the sand brought from *Eftamps* to serve as well as the *Pavian* stone. From this place they send their commodities and merchandize into all parts of the world.

In my passage to and from *Grand Cairo*, and during my abode there, I observed besides other things, the animals and Plants.

As the *Garaffa*, or *Camelopardalus*; the *Bubalus* of *Afric*, different from the Buffalo; flocks of the *Oryx*, and of *Gazells* which they shoot; the *Axis*, a most beautiful creature (*by the description it may be the Zebra, or Zembra of Afric*) great varieties of Monkeys at *Cairo*; the *Hippopotamus* about the lakes and rivers; Goats with very long ears hanging down almost to the ground; Sheep with great tails, and vast laps under their chin; the *Ichneumon* tame in their houses like cats; this animal destroys Rats and Mice like Weasils, hunts Serpents which the people eat, destroys Camelions and other Lizards, it creeps and darts upon it's prey; 'tis bigger and much stronger than a Cat. I observ'd at *Cairo*, many Civet-Cats.

Two kinds of Camelions frequently sitting on the *Rhamnus*, catching of insects with their tongues as they fly by; Crocodiles common in the lakes and rivers; the little *Lacerta Chalcidica*, hunts insects under the walls; the *Stellio* or swift Lizard, is common about the Pyramids, and the other Sepulchres, where it runs after Flies; the excrement of this animal is sold up and down for an excellent Cosmetic: I saw also the Serpent call'd *Cerastes*. The great Bats abound in the caves.

Amongst the Birds, the Ostrich, whose skins and feathers are in use amongst the Turks, the Pelican, with whose bills and bags, the watermen of the *Nile* throw the water out of their boots; the *Vulp-Anser* is common in the watery places. I observed also the *Crex* and the *Ibis*. The inhabitants never hatch their eggs under hens, but all in ovens or furnaces.

The common trees are the Tamarisk, loaded with galls, or animal excrescencies; the Date-Palm; the *Acacia*, or Gum-Arabic-tree; the *Cassia Solutiva*; the Tamarind; the true Sycamore, or Pharaoh's Fig-tree; the *Musa Arbor*, or the Plantane; the *Siliqua*, or *Carob*; yellow Jessamine, and yellow Roses; *Syringa*; *Alcanna*, a sort of *Ligustrum*, Cotton-trees, &c.

The most remarkable Herbs I took notice of, were the *Papyrus Nilotica* (a sort of *Cyperus* out of whose threads, or filaments, the ancients made their paper.) The *Colocasia*, or great *Egyptian Arum*, whose root they boil with moist of their meats: The Sugar-cane, or Reed, by the fuel whereof they melt their Metals, wood being scarce in Egypt; *Hyoscyamus niger*, out of whose root they prepare an oil for their lamps and other uses: A milky *Convolvulus* on the walls (perhaps an *Apocynum* being podded;) several *Phaseoli* or Kidney-beans; Gourds, Pumpions, Thorn-apples, *Coloquintida*; many *Ocimums* or wild Basils; the *Harmala*, common about Alexandria (a sort of Rue, with great white flowers) the *Abrus*, two *Senna*'s, *Bammia*, *Melochia*, *Stratiotes*, &c.

The Eagle-stone is found up and down Egypt in very great plenty.

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M O R E  
O B S E R V A T I O N S  
M A D E I N  
*E G Y P T,*  
B Y  
Guilandinus, Alpinus, and others.

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## C H A P. I.

*Of the weather and seasons in Egypt.*

THE months of *January* and *February* make the spring in *Egypt*, the trees beginning to germinate and put forth, and the herbs to flower, so that then the fields and gardens are in their glory.

They reckon two summers, their first is in *March*, *April*, *May*, which is the most inconstant, unequal, and most sickly season of the year, as also the hottest and most scorching; which is imputed to the east and south winds, that blow generally for fifty days together over desert sandy places, accompanied with a hot burning sand, that spoils all their eyes: Strangers during this season,

season, retire into grotts and subterraneous places, and drink much of the water of the *Nile*, which is excellent in quenching epidemical thirst at that time.

Their second summer is in *June, July, August*, which is equal, constant, and healthful, the wind blowing then from the north over sea, the *Nile* also swelling and overflowing by the rains falling in *Ethiopia*, and the air moist and refreshing. Now all the people abstain from business and labour, follow spectacles, games, plays, &c. the land being under water.

*September* and *October* make their autumn, at the end whereof they sow their wheat, which they reap in *March* following. This autumn is temperate and salubrious.

*November* and *December* are their winter; ice, snow, and hail are seldom or never seen: Rain falls rarely in the inner parts of *Egypt*, only a dew; but at *Alexandria*, and other places near the sea they have rain, and a more healthful air; these showers come most in *November*.

## C H A P. II.

### *Of the meats and drinks of Egypt.*

**T**H E inhabitants, especially the Mahometans, live abstemiously, eat little and often; their diet is generally simple, abhorring mixtures and variety. Rice boiled in mutton broth, Lentils, Pulse, and legumes; Bete, Mallows call'd *Bamia*, Cucumbers, Melons, Citruls, Dates, Figs of the Sycamore, Plantanes, Pomegranates, Grapes, Oranges, Lemons, Citrons, Sugar-canæs, *Colocasia*-root, &c. make up the greatest part of their diet.

The richest sort eat mutton, poultry, and several sorts of fish from the *Nile*, which tho' fat, are not esteemed wholesome, because the bottom of that river is very muddy, and the water much troubled. All their bread is

is made of Wheat, and they make abundance of milk-meats. Their kitchen herbs are water'd every day, all their gardens being planted near the banks of the *Nile*, which is one reason that their salleting is more watry and insipid than in *Italy*; yet if they did not water them every day in *Egypt*, they would soon be dried up. There are no gardens but near the river, because there is no rain nor fresh water in other parts.

The ordinary people will eat Camels, Buffaloes, and Crocodiles. The water of the *Nile*, purged and clarified, either by standing in jars, or precipitated with powder and pastes of sweet Almonds, is the general drink of the country, being esteem'd the lightest, the most nutritious, and the most refreshing liquor in the world; the water running so far under a hot sun, and falling down so many cataracts.

The inhabitants sleep little, indulge venery, having many wives and concubines, are generally idle, yet live long, and see more years than the *Poles, Germans*, and other northern nations, where gluttony and drunkenness are much more in fashion than in the *Egyptian* climate. The *Jews* and Christians, as also the *Turkish* soldiers, will often debauch at Grand *Caire*, with those rich wines brought from *Candy, Rhodes*, and *Cyprus*; those from *Italy, Corfou*, and *Zant*, will not keep in *Egypt*, the heat soon pricking them.



## C H A P. III.

*Of the diseases, and physic.*

**T**H E most epidemical and endemical distempers of *Egypt*, are sore eyes, from the east and south winds bringing along with them a burning sand and piercing nitre mix'd with it, which makes them frequently wash and cleanse their eyes with the *Nile* water at that season. Leprosies from their salt and rotten fish. Inflammatory phrenzies, killing in three or four hours time. A pestilential small pox, and pestilential feavers, especially at *Alexandria* in autumn. Ruptures are very common, by reason of their moist and watry diet : But that which destroys most is the plague, which they take no care to obstruct or avoid, depending upon their principle of inevitable fate and predestination ; therefore in the year 1580, they lost above 500,000 souls in six or seven months time, in the single city of *Grand Cairo*.

The plague in *Egypt* rages for the most part from the beginning of *September* to *June*, at which time it never fails to cease, the wind turning then to the salubrious quarter of the north, and the *Nile* swelling with fresh streams.

They reckon this plague is constantly brought either from *Barbary*, *Lybia*, or other *African* countries, or else from *Syria* or *Greece* ; that from *Barbary* is most furious and pernicious, the other two mild and gentle.

Their practical physic consists in Phlebotomy, which they administer universally in almost every disease ; in cauterizing or burning, in scarring, in cupping, bathing in a few lenative purgatives, and cooling quieting alteratives.

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They bleed by cutting or pricking the veins and arteries themselves in most parts of the body; yet in eunuchs, women, children, and other soft constitutions, they take away blood by scarifying the thighs, ears, lips, nostrils, gums, &c. They generally bleed after meat. Their cupping-glasses are of different figures from ours, and their cautery is Cotton set on fire.

They have a gross way of cutting in dropsies to let the water out. Their manner of extracting stones out of the bladder, is by blowing and extending the *Urethra*, then pressing the stones to the neck of the bladder, by their fingers put into the *Anus*, or fundament, and afterwards sucking them out through the expanded passages.

Their women bathe very much, and use all manner of arts to soften and plump their bodies.

They abstain from all hot or violent purgatives, as *Scammony*, *Coloquintida*, *Elaterium*, *Hellebores*, *Cataputia*, *Metexon*, &c. and use only the most gentle leuitives, as *Caffia*, Tamarinds, Manna, *Myrobalans*, sometimes Rheubarb and a little *Sena*, as also cooling clysters.

Their alterative physic consists of coolers and anodyns, as *Nymphaea*, Poppy, Endive, Lettice, Berberries, *China*-root (never *Guaicum* or *Surfa*) Opium, flowers of the *Alcanna*, Coffee: The women will eat *Hermodactyls* like roasted Chesnuts at night. They have few compound medicines, unless a *Theriaca* different from the *Venetian*, or that of *Andromachus*, in the preparing of which, they seem very careful and ceremonious. Some amongst them pretend to many *Arcanums* against feavers.

For a full catalogue of such trees, shrubs, and herbs as grow in *Egypt*, together with their synonymous names and places, the reader may consult Mr *Ray's Collection of Exotick Catalogues*, published at *London* 1693, and annexed at the end of this work, amongst which he will find an *Egyptian* one.

The manner of hatching chickens at Grand Cairo, with a particular delineation of the ovens, fire, mats, &c. may be read at large in Mr Greave's Relation, printed in the *Philosop. Transf.* N° 137. pag. 923, 924, 925.

Several conjectures and experiments upon the Egyptian nitre, commonly call'd. *Natron*, (found floating on the lake *Latron* near *Nitria*, a town lower upon the *Nile* than Grand Cairo) may be read in the *Philosop. Transf.* N° 160. from pag. 609. to pag. 619. also in N° 167, pag. 837, 838. where 'tis proved to be little different from *Sal Armoniac*, and may owe it's original to a natural union or mixture of the fossile salt of the lakes with the urinose one, that comes from the Crocodiles, *Hippopotami*, and other animal inhabitants of those waters.



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*Of the PYRAMIDS of Egypt: By Mr Greaves,  
Professor of Astronomy in the University of  
Oxford.*

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*A description of the Pyramids in Egypt, as I found  
them in the 1048th year of the Hegira, or in  
the year 1638, and 1639 of our Lord, after the  
Dionysian account.*

*A description of the first and fairest Pyramid.*

THE first and fairest of the three greater Pyramids is situated on the top of a rocky hill, in the sandy desert of *Lybia*, about a quarter of a mile distant to the west, from the plains of *Egypt*, above which the rock riseth an hundred feet or better, with a gentle and easy ascent. Upon this advantageous rise, and upon this solid foundation the Pyramid is erected; the height of the situation adding to the beauty of the work, and the solidity of the rock giving the superstructure a permanent and stable support. Each side of the Pyramid, computing it according to *Herodotus*, contains in length 800 *Græcian* feet; and in *Diodorus Siculus's* account 700. *Strabo* reckons it less than a furlong, that is less than 600 *Græcian* feet, or 625 *Roman*. And *Pliny* equals it to 883. That of *Diodorus Siculus*, in my judgment, comes nearest to the truth, and may serve in some kind to confirm those proportions, which in another discourse I have assigned to the *Græcian* measures; for measuring the north side of it near the Basis, by an exquisite Radius of ten feet in length, taking two several stations, as Mathe-

micians use to do, when any obstacle hinders their approach, I found it to be 693 feet, according to the English standard ; which quantity is somewhat less than that of *Diodorus*. The rest of the sides were examin'd by a line for want of an even level, and a convenient distance to place my instruments, both which the Area on the former side afforded.

The Altitude of this Pyramid was long since measured by *Thales Milius*, who according to *Tatianus Affyrius* lived about the fiftieth Olympiad, but his observations are no where by the ancients express'd ; only *Pliny* tells us of a course proposed by him, how it might be found, and that is by observing such an hour, when the shadow of the body is equal to it's height. A way at the best, by reason of the faintness and scattering of the extremity of the shadow, in so great an Altitude, uncertain, and subject unto error. And yet *Diogenes Laërtius*, in the life of *Thales*, hath the same story, from the authority of *Hieronymus*, who reports, that he measured the Pyramids by their shadow, marking when they are of an equal quantity. Wherefore I shall pass by his, and give my own observations. The Altitude is something defective of the Latitude ; tho' in *Strabo's* computation it exceeds ; but *Diodorus* rightly acknowledges it to be less, which if we measure by it's perpendicular, is 481 feet ; but if we take it as the Pyramid ascends inclining, as all such figures do, then it is equal, in respect of the lines subtending the several angles, to the Latitude of the Basis, that is to 693 feet.

What excessive heights some fancy to themselves, or borrow from the relation of others, I shall not now examine. This I am certain of, that the shaft or spire of *St Paul's* in *London*, before it was casually burnt, being as much or somewhat more than the Altitude of the tower now standing (1647) did exceed the height of this Pyramid. For *Cambden* describes it to have been in a perpendicular 520 feet from the ground.

If we imagine upon the sides of the Basis, which is perfectly square, four equilateral Triangles mutually propending, and enclining, till they all meet on high as it were in a point, for so the top seems to them which

which stand below, then shall we have a true notion of the just dimension and figure of this Pyramid : the Perimeter of each triangle comprehending 2079 feet, besides the Latitude of a little plain or flat on the top, and the Perimeter of the Basis 2772 feet ; whereby the whole Area of the Basis (to proportion it to our measures, contains 480, 249 square feet, or eleven English acres of ground, and 1089 of 43560 parts of an acre. A proportion so monstrous, that if the ancients did not attest as much, and some of them describe it to be more, this age would hardly be induced to give credit to it. But *Herodotus* describing each side to contain 800 feet, the Area must of necessity be greater than that by me assigned, the sum amounting to 640,000, or computing it as *Diodorus Siculus* doth, the Area will comprehend 490,000 feet, and in the calculation of *Pliny*, if we shall square 883, which is the number allotted by him to the measure of each side, the product 779,689, will much exceed both that of *Herodotus* and this of *Diodorus*. Tho' certainly *Pliny* is much mistaken, in assigning the measure of the side to be 883 feet, and the Basis of the Pyramid to be but eight *jugera*, or *Roman* acres ; for if we take the *Roman jugerum* to contain in length 240 feet, and in breadth 120, as may be evidently proved out of *Varro*, and is expressly affirmed by *Quintilian*, then will the superficies or whole extention of the *jugerum* be equal to 28,800 *Roman* feet, with which if we divide 779,689, the result will be 27 *Roman jugera*, and 2089 of 28800 parts of an acre. Wherefore if we take those numbers 883 of *Pliny* to be true, then I suppose he writ 28 *jugera* instead of 8, or else in his proportion of the side to the Area of the Basis he hath erred.

The ascent to the top of the Pyramid is contrived in this manner : From all the sides without we ascend by degrees ; the lowermost degree is near four foot in height, and three in breadth. This runs about the Pyramid in a level, and at the first, when the stones were entire, which are now somewhat decay'd, made on every side of it a long but narrow walk. The second degree is like the first, each stone amounting almost to four feet in height, and three in breadth ; it retires

inward from the first near 3 feet, and this runs about the Pyramid in a level as the former. In the same manner is the third row placed upon the second, and so in order the rest, like so many stairs rise one above another to the top. Which ends not in a point, as mathematical Pyramids do, but in a little flat or square.

Of this *Herodotus* hath no where left us the dimensions, but *Henricus Stephanus*, an able and deserving man, in his comment hath supply'd it for him; for he makes it to be eight *orgyiae*; where if we take the *orgyia*, as both *Hesychius* and *Suidas* do, for the distance between the hands extended at length, that is for the fathom, or 6 feet, then should it be 48 feet in breadth at the top. But the truth is, *Stephanus*, in this particular, whilst he corrects the errors of *Valla's* interpretation, is to be corrected himself; for that Latitude which *Herodotus* assigns to the admirable bridge below, (of which there is nothing now remaining) he hath carry'd up, by a mistake, to the top of the Pyramid. *Diodorus Siculus* comes nearer to the truth, who describes it to be but 9 feet. *Pliny* makes the breadth at the top to be 25 feet, *Altitudo* (I would rather read it *latitudo*) à *cacumine pedes* 25. By my measure it is 13 feet, and 280 of 1000 parts of the *English* foot. Upon this flat, if we assent to the opinion of *Proclus*, it may be supposed that the *Egyptian* Priests made their observations in Astronomy; and that from hence, or near this place they first discovered, by the rising of *Sirius*, their *annus nūmīdēs*, or *Canicularis*, as also their *periodus Sothiaca*, or *annus magnus nūmīdēs*, or *annus Heliacus*, or *annus Dei*, as it is termed by *Censorinus*, consisting of 1400 sidereal years, in which space their *Thoth Vagum*, and *fixum*, came to have the same beginning. That the Priests might near these Pyramids make their observations, I no way question, this rising of the hill being, in my judgments as fit a place as any in *Egypt* for such a design, and so much the fitter by the vicinity of *Memphis*. But that these Pyramids were designed for observatories, (whereas by the testimonies of the ancients I have proved before, that they were intended for sepulchres) is no way to be credited upon the singular authority of *Proclus*.

Neither

Neither can I apprehend to what purpose the Priests with so much difficulty should ascend so high, when below with more ease, and as much certainty, they might from their own lodgings hewn in the rocks upon which the Pyramids are erected, make the same observations ; for seeing all *Egypt* is but as it were one continued plain, they might from these cliffs have, over the plains of *Egypt*, as free and open a prospect of the heavens, as from the tops of the Pyramids themselves. And therefore Tully writes more truly, *Ægyptii, aut Babylonii, in camporum patentium æquoribus habitantes, cum ex terra ad nihil emineret, quod contemplationi cœli officere posset, omnem curam in siderum cognitione posuerunt.* The top of this Pyramid is covered not with (a) one or (b) three massy stones, as some have imagin'd, but with nine, besides two which are wanting at the angles. The degrees by which we ascend up (as I observed in measuring many of them) are not all of an equal depth, for some are near four foot, others want of three, and these the higher we ascend, do so much the more diminish ; neither is the breadth of them alike, the difference in this kind being, as far as I could conjecture, proportionable to their depth. And therefore a right line extended from any part of the Basis without, to the top, will equally touch the outward angle of every degree. Of these it was impossible for me to take an exact measure, since in such a revolution of time, if the inner parts of the Pyramid have not lost any thing of their first perfection, as being not exposed to the injury of the (c) air, yet

(a) *Les voyages de Seign. Villamont.*

(b) *Sandi's Travels.*

(c) The air of *Egypt* is confessed by the ancients to be often full of vapours ; which appears both by the great dews that happened after the deluge of *Nilus* for several months ; as also in that I have discovered at *Alexandria*, in the winter time, several obscure stars in the constellation of *Ursa major*, not visible in *England* ; the which could not be discerned there, were there not a greater refracton at that time than with us, and consequently a greater condensation of the medium or air, as the optics demonstrate.

the outward parts, that is these degrees or rows of stone, have been much wasted and impaired by both. And therefore they cannot conveniently now be ascended, but either at the south side, or at the east angle on the north. They are well stiled by *Herodotus Βωύιδες*, that is, little altars, for in the form of altars they rise one above another to the top ; and these are all made of massy and polish'd stones, hewn according to *Herodotus* and *Diodorus*, out of the *Arabian* mountains, which bound the upper part of *Egypt*, or that above the *Delta*, on the east, as the *Lybian* mountains terminate it on the west, being so vast, that the breadth and depth of every step is one single and entire stone. The relation of *Herodotus* and *Pomponius Mela* is more admirable, who make the least stone in this Pyramid to be thirty feet. And this I can grant in some, yet surely it cannot be admitted in all, unless we interpret their words, that the least stone is thirty square, or to speak more properly, thirty cubical feet ; which dimension, or a greater, in the exterior ones, I can without any difficulty admit. The number of these steps is not mentioned by the ancients, and that caused me and two that were with me, to be the more diligent in computing them, because by modern writers, and some of those too of repute, they are described with much diversity and contrariety. The degrees, saith *Bellonius*, are two hundred and fifty, each of them single contains in height forty five digits, at the top it is two paces broad ; for this I take to be the meaning of what *Clusius* renders thus : *Abas autem ad cacumen ipsius supputationem facientes, conperimus circiter, 250 gradus, singuli altitudinem habent 5 solearum calcei 9 pollicum longitudinis, in fastigio duos passus habet.* Where I conceive his *passus* is in the same sense to be understood here above, as not long before he explains himself in describing the Basis below, which in his account is *324 passus paululum extensis cruribus*. *Albertus Lewensteinius* reckons the steps to be 260, each of them a foot and an half in depth. *Johannes Helfricus* counts them to be 230. *Sebastianus Serlius*, upon a relation of *Grimano* the Patriarch of *Aquileia*, and afterwards Cardinal, who in his travels in *Egypt* measured

sured these degrees, computes them to be 210, and the height of every step to be equally three palms and a half. It would be but lost labour to mention the different and repugnant relations of several others ; that which by experience and by a diligent calculation I and two others found, is this, that the number of degrees from the bottom to the top is 207, tho' one of them in descending reckoned 208.

Such as please, may give credit to those fabulous traditions of some, that a *Turkish* archer standing at the top, cannot shoot beyond the bottom, but that the arrow will necessarily fall upon these steps. If the *Turkish* bow (which by those figures which I have seen in ancient monuments, is the same with that of the *Parthians*, so dreadful to the *Romans*) be but as swift and strong as the *English*; as surely it is much more, if we consider with what incredible force some of them will pierce a plank of six inches in thickness, (I speak what I have seen) it will not seem strange, that they should carry twelve score in length, which distance is beyond the Basis of this Pyramid,

### *The description of the inside of the first Pyramid.*

HAVING finish'd the description of the superficies of the greater Pyramid, with the figure and dimensions of it, as they present themselves to the view without; I shall now look inwards, and lead the reader into the several spaces, and partitions within ; of which if the ancients have been silent, we must chiefly impute it to a reverend and awful regard, mixed with superstition, in not presuming to enter those chambers of death, which religion and devotion had consecrated to the rest and quiet of the dead. Wherefore *Herodotus* mentions no more, but only in general, ‘ That some secret vaults are hewn in the rock under the Pyramid.’ *Diodorus Siculus* is silent, though both enlarge themselves in other particulars less necessary. *Strabo* is also very concise, whose whole descrip-

tion both of this and the second Pyramid is included in this short expression : ‘ Forty stadia, or furlongs, from the city *Memphis*, there is a certain brow of an hill, in which are many Pyramids, the sepulchres of Kings, three of them are memorable, two of these are accounted amongst the seven miracles of the world ; each of these are a furlong in height ; the figure is quadrilateral, the altitude somewhat exceeds each side, and the one is somewhat bigger than the other. On high, as it were in the midst, between the sides, there is a stone that may be removed, which being taken out, there is an oblique, or shelving, entrance, for so I render that which by him is termed *εὐρύς σκολία*) leading to the tomb.’ *Pliny* expresses nothing within, but only a well, (which is still extant) of 86 cubits in depth, to which he probably imagines, by some secret aqueduct, the water of the *Nile* to be brought. *Aristides* in his oration entitled *Ἀγυετίου*, upon a misinformation of the *Egyptian* Priests, makes the foundation of the structure to have descended as far below, as the altitude ascends above. Of which I see no necessity, seeing all of them are founded upon rocks ; his words are these : ‘ Now as with admiration we behold the tops of the Pyramids, but that which is as much more under ground opposite to it, we are ignorant of, I speak of what I have received from the Priests.’ And this is that which hath been delivered to us by the ancients, which I was unwilling to pretermit, more out of reverence of antiquity, than out of any special satisfaction. The *Arabian* writers, especially such as have purposely treated of the wonders of *Egypt*, have given us a more full description of what is within these Pyramids ; but that hath been mix’d with so many inventions of their own, that the truth hath been darkn’d, and almost quite extinguish’d by them. Which traditions of theirs are little better than a *Romance* ; and therefore leaving these, I shall give a more true and particular description out of my own experience and observations.

On the north side ascending thirty eight feet, upon an artificial bank of earth, there is a square and narrow passage leading into the Pyramid, through the mouth of which (being equidistant from the two sides of the Pyramid) we enter as it were down the steep of an hill, declining with an angle of twenty six degrees. The breadth of this entrance is exactly three feet, and <sup>463</sup> parts of 1000 of the English foot ; the length of it beginning from the first declivity, which is some ten palms without, to the utmost extremity of the neck, or streight within, where it contracts it self almost nine feet continued, with scarce half the depth it had at the first entrance, (though it keep still the same breadth) is ninety two feet and an half. The structure of it hath been the labour of an exquisite hand, as appears by the smoothnes and evennes of the work, and by the close knitting of the joints ; a property long since observed, and commended by *Diodorus*, to have run through the fabric of the whole body of this Pyramid. Having passed with tapers in our hands this narrow streight ; though with some difficulty (for at the farther end of it we must Serpent-like creep upon our bellies) we land in a place somewhat larger, and of a pretty height, but lying incomposed : Having been dug away, either by the curiosity or avarice of some, in hope to discover an hidden treasure ; or rather by the command of *Almamon*, the deservedly renowned Calife of *Babylon*. By whomsoever it were, it is not worth the enquiry, nor doth the place merit describing, but that I was unwilling to pretermit any thing, being only an habitation for batts, and those so ugly, and of so large a size, (exceeding a foot in length) that I have not elsewhere seen the like. The length of this obscure and broken space containeth eighty nine feet, the breadth and height is various, and not worth consideration. On the left hand of this, adjoining to that narrow entrance through which we passed, we climb up a steep and massy stone, eight or nine feet in height, where we immediately enter upon the lower end of the first gallery. The pavement of this rises with a gentle acclivity, consisting of smooth and polish'd marble, and where not smeared with

with dust and filth, appearing of a white and alabaster colour ; the sides and roof, as *Titus Livius Burretinus*, a Venetian, an ingenious young man, who accompanied me thither, observed, was of impolish'd stone, not so hard and compact as that on the pavement, but more soft and tender ; the breadth almost five feet, and about the same quantity the height, if he have not mistaken. He likewise discovered some irregularity in the breadth, it opening a little wider in some places than in others ; but this inequality could not be discerned by the eye, but only by measuring it with a careful Hand. By my observation with a line, this gallery contained in length an hundred and ten feet. At the end of this begins the second gallery, a very stately piece of work, and not inferiour, either in respect of the curiosit of art, or richnes of materials, to the most sumptuous and magnificent buildings. It is divided from the former by a wall, through which stooping, we passed in a square hole, much about the same bigness as that by which we entred into the Pyramid but of no considerable length. This narrow passage lieth level, not rising with an acclivity, as doth the pavement below and roof above of both these galleries. At the end of it, on the right hand, is the well mentioned by *Pliny*, the which is circular, and not square, as the Arabian writers describe : The diameter of it exceeds three feet, the sides are lined with white marble, and the descent into it is by fastening the hands and feet, in little open spaces, cut in the sides within, opposite and answerable to one another in a perpendicular. In the same manner are almost all the wells and passages into the cisterns at *Alexandria* contrived, without stairs or windings, but only with inlets and square holes on each side within, by which, using the feet and hands, one may with ease descend. Many of these cisterns are with open and double arches, the lowermost arch being supported by a row of speckled and *Thebaic* marble pillars, upon the top of which stands a second row, bearing the upper and higher arch : The walls within are covered with a sort of plaster for the colour white, but of so durable a substance, that neither by time, nor by the water is it yet corrupted and impaired. But I return

turn from the cisterns and wells there to this in the Pyramid, which in *Pliny's* calculation is eighty six cubits in depth, and it may be was the passage to those secret vaults mentioned, but not described by *Herodotus*, that were hewn out of the natural rock, over which this Pyramid is erected. By my measure sounding it with a line, it contains twenty feet in depth. The reason of the difference between *Pliny's* observation and mine, I suppose to be this, that since his time it hath almost been dammed up, and choaked with rubbish, which I plainly discovered at the bottom, by throwing down some combustible matter set on fire. Leaving the well, and going on strait upon a level, the distance of fifteen feet, we entered another square passage, opening against the former, and of the same bigness. The stones are very massy, and exquisitely jointed, I know not whether of that glistering and speckled marble I mentioned in the columns of the cisterns at *Alexandria*. This leadeth (running in length upon a level an hundred and ten feet) into an arched vault or little chamber, which by reason it was of a grave-like smell, and half full of rubbish, occasion'd my lesser stay. This chamber stands east and west; the length of it is less than twenty feet, the breadth about seventeen, and the height less than fifteen. The walls are entire, and plaister'd over with lime; the roof is covered with large smooth stones, not lying flat, but shelving and meeting above in a kind of arch, or rather an angle. On the east side of this room, in the middle of it, there seems to have been a passage leading to some other place, whither this way the Priests went into the hollow of that huge *Sphynx*, as *Strabo* and *Pliny* term it, or *Androsphynx*, as *Herodotus* calls such kinds (being by *Pliny's* calculation 102 feet in compass about the head, in height 62, in length 143, and by my observation made of one entire stone) which stands not far distant without the Pyramid, south-east of it, or into any other private retirement, I cannot determine; and it may be too this served for no such purpose, but rather as a *Theca* or *Nicchio*, as the *Italians* speak, wherein some idol might be placed; or else for a piece of ornament (for it is made of polish'd stone) in the Architecture of those times, which ours may no more understand than

than they do the reason of the rest of those strange proportions that appear in the passages and inner rooms of this Pyramid. Returning back the same way we came, as soon as we are out of this narrow and square passage, we climb over it, and going straight on, in the trace of the second gallery, upon a shelving pavement (like that of the first) rising with an angle of twenty six degrees, we at length come to another partition. The length of the gallery from the well below to this partition above, is an hundred fifty and four feet ; but if we measure the pavement of the floor, it is somewhat less, by reason of a little vacuity (some fifteen feet in length) as we described before, between the well and the square hole we climbed over. And here to re-assume some part of that, which hath been spoken, if we consider the narrow entrance at the mouth of the Pyramid, by which we descend, and the length of the first and second galleries, by which we ascend, all of them lying as it were in the same continued line, and leading to the middle of the Pyramid, we may easily apprehend a reason of that strange echo within, of four or five voices, mentioned by *Plutarch*, in his fourth book, *De placitis philosophorum* ; or rather of a long continued sound, as I found by experience, discharging a musquet at the entrance ; for the sound being shut in, and carried in those close and smooth passages, like as in so many pipes or trunks, finding no issue out, reflects upon it self, and causes a confused noise and circulation of the air, which by degrees vanishes, as the motion of it ceases. This gallery or *Corridore*, or whatsoever else I may call it, is built of white and polish'd marble, the which is very evenly cut in spacious squares or tables. Of such materials as is the pavement, such is the roof, and such are the side-walls that flank it ; the co-agmentation, or knitting of the joints is so close, that they are scarce discernable by a curious eye ; and that which adds a grace to the whole structure, though it makes the passage the more slippery and difficult, is the acclivity and rising of the ascent. The height of this gallery is 26 feet, the breadth is 6 feet, and 870 parts of the foot divided into a thousand of which three feet, and 435 of 1000 parts of a foot, are to be allowed for the way, in the midst ; which

which is set, and bounded on both sides with two banks (like benches) of sleek and polish'd stone; each of these hath one foot 7*17* of 1000 parts of a foot in breadth, and as much in depth. Upon the top of these benches near the angle, where they close, and join with the wall, are little spaces, cut in right angled parallel figures, set on each side opposite to one another, intended, no question, for some other end than ornament. In the casting and ranging of the marbles in both the side-walls, there is one piece of Architecture, in my judgment very graceful, and that is, that all the courses or ranges, which are but seven, (so great are those stones) do set and flag over one another about three inches, the bottom of the uppermost course oversetting the higher part of the second, and the lower part of this overflagging the top of the third, and so in order the rest, as they descend.

Having passed this gallery, we enter another square hole, of the same dimensions with the former, which brings us into two *Anticamerette*, as the *Italians* would call them, or *Anticlosets*, (give me leave in so unusual a structure to frame some unusual terms) lined with a rich and speckled kind of *Thebaic* marble. The first of these hath the dimensions almost equal to the second; the second is thus proportioned, the Area is level, the figure of it is oblong, the one side containing seven feet, the other three and an half, the height is ten feet. On the east and west sides, within two feet and an half of the top, which is somewhat larger than the bottom, are three cavities, or little seats, in this manner,



This inner *Anticloset* is separated from the former, by a stone of red speckled marble, which hangs in two mortices, like the leaf of a sluice, between two walls, more than three feet above the pavement, and wanting two of the roof. Out of this closet we enter another square hole, over which are five lines cut parallel and perpendicular.

Besides,

Besides these, I have not observed any other sculptures or engravings in the whole Pyramid, and therefore it may justly be wondered whence the *Arabians* borrowed those vain traditions I before related, *That all Sciences are inscribed within in Hieroglyphics*. And as justly it may be questioned, upon what authority *Dio*, or his epitomizer *Xiphilinus*, reports that *Cornelius Gallus* (whom *Strabo* more truly names *Ælius Gallus*, with whom he travelled into *Egypt*, as a friend and companion) *engraved in the Pyramids his victories*, unless we understand some other Pyramids not now existent. This square passage is of the same widenes and dimensions as the rest, and is in length near nine feet, (being all of *Thebaic* marble, most exquisitely cut) which lands us at the north end of a very sumptuous and well proportion'd room. The distance from the end of the second gallery to this entry, running upon the same level; is twenty four feet. This rich and spacious chamber, in which art may seem to have contended with nature, the curious work being not inferiour to the rich materials, stands as it were in the heart and center of the Pyramid, equidistant from all the sides, and almost in the midst between the basis and the top. The floor, the sides, the roof of it are all made of vast and exquisite tables of *Thebaic* marble, which if they were not vailed, and obscured by the steam of tapers, would appear glistering and shining. From the top of it descending to the bottom, there are but six ranges of stone, all which being respectively sized to an equal height, very gracefully in one and the same altitude, run round the room. The stones which cover this place are of a strange and stupendious length, like so many huge beams lying flat, and traversing the room, and withal supporting the infinite mass and weight of the Pyramid above. Of these there are nine which cover the roof, two of them are les by half in breadth than the rest, the one at the east end, the other at the west. The length of this (*b*) chamber

on

(*b*) These proportions of the chamber, and those which follow of the length and breadth of the hollow part of the tomb, were taken by me with as much exactness as it was possible

### Chap. 3. *Travels and Voyages.*

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on the south-side, most accurately taken at the joint or line, where the first and second row of stones meet, is thirty four *English* feet, and 300 and 80 parts of the foot divided into a thousand (that is 34 feet and 380 of 1000 parts of a foot.) The breadth of the west side at the joint or line, where the first and second row of stones meet, is seventeen feet, and an hundred and ninety parts of the foot divided into a thousand (that is 17 feet, and 190 of 1000 parts of a foot.) The height is nineteen feet and an half.

Within this glorious room (for so I may justly call it) as within some consecrated oratory, stands the monument of *Cheops*, or *Chemnis*, of one piece of marble, hollow within, and uncovered at the top, and sounding like a bell. Which I mention not as any rarity, either in nature or in art ; (for I have observed the like found

in

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sible to do ; which I did so much the more diligently, as judging this to be the fittest place for the fixing of measures for posterity. A thing which hath been much desired by learned men, but the manner how it might be exactly done, hath been thought of by none. I am of opinion, that as this Pyramid hath stood three thousand years almost, and is no whit decayed within, so it may continue many thousand years longer : And therefore that after-times measuring these places by me assigned, may hereby not only find out the just dimensions of the *English* foot, but also the feet of several nations in these times, which in my travels abroad I have taken from the originals, and have compared them at home with the *English* standard. Had some of the ancient Mathematicians thought of this way, these times would not have been so much perplexed, in discovering the measures of the *Hebrews*, *Babylonians*, *Egyptians*, *Greeks*, and other nations. Such parts as the *English* foot contains a thousand, the *Roman* foot on *Coffutia's* monument (commonly called by writers *Pes Colotianus*) contains nine hundred sixty seven. The *Paris* foot a thousand sixty eight. The *Spanish* foot nine hundred and twenty. The *Venetian* foot one thousand and sixty two. The *Rbinland* foot, or that of *Snellius*, one thousand and thirty thre The *Bracio* at *Florence* one thousand nine hundred and thirteen. The *Bracio* at *Naples* two thousand one hundred. The *Deran* at *Cairo* one thousand eight hundred and twenty four. The greater *Turkish Dike* at *Constantinople*, two thousand two hundred.

in other tombs of (*c*) marble cut hollow like this) but because I find modern authors to take notice of it as a wonder. Some write, that the body hath been removed hence, whereas *Diodorus* hath left above sixteen hundred years since, a memorable passage concerning *Chemmis* the builder of this Pyramid, and *Cephren* the founder of the next adjoining. ‘ Although (*sicut he*) these Kings intended these for their sepulchres, yet it happened that neither of them were buried there : For the people being exasperated against them, by reason of the toil-somness of these works, and for their cruelty and oppression, threatened to tear in pieces their dead bodies, and with ignominy to throw them out of their sepulchres. Wherefore both of them dying, commanded their friends privately to bury them in an obscure place.’ This monument, in respect of the nature and quality of the stone, is the same with which the whole room is lined ; as by breaking a little fragment of it I plainly discover’d, being a speckled kind of marble, with black, and white, and red spots, as it were equally mix’d, which some writers call *Thebaic* marble ; though I conceive it to be that sort of porphyry which *Pliny* calls *Leucoftictos*, and describes thus : *Rubet Porphyrites in eadem Egypto, ex eo candidis intervenientibus punctis Leucoftictos appellatur. Quantislibet molibus cædendis sufficient lapidicina* (*d*). Of this kind of marble there were, and still are, an infinite quantity of columns in *Egypt* ; but a *Venetian*, a man very curious, who accompanied me thither, imagined that this sort of marble came from mount (*e*) *Sinai*, where he had lived amongst the rocks, which he affirmed to be speckled with

(*c*) As appears by a fair and ancient monument brought from *Smyrna* to my very worthy friend Mr *Rolt*, which stands in his Park at *Woolwich*.

(*d*) *Plin. lib. 36. cap. 7.*

(*e*) Which may also be confirmed by *Bellonius*’s observations, who describing the rock out of which, upon *Moses*’s striking it, there gushed out waters, makes it to be such aspeckled kind of *Thebaic* marble : *Est une grosse pierre massive droite de mesme grain & de la couleur, ba que.*

with party colours, of black and white, and red, like this: And to confirm his Assertion, he alledged, that he had seen a great column left imperfect amongst the cliffs, almost as big as that huge and admirable (*f*) *Corinthian* pillar standing to the south of *Alexandria*, which by my measure is near four times as big as any of those vast *Corinthian* pillars in the *Porticus* before the *Pantheon at Rome*, all which are of the same coloured marble with this monument, and so are all the obelisks with hieroglyphics, both in *Rome* and *Alexandria*. Which opinion of his doth well correspond with the tradition of *Aristides*, who reports, that in *Arabia* there is a quarry of excellent porphyry. The figure of this tomb without is like an altar, or more nearly to express it, like two cubes finely set together and hollowed within: It is cut smooth and plain, without any sculpture and engraving, or any relevy and imbossiment. The exterior superficies of it contains in length seven feet three inches and an half. *Bellonius* makes it twelve feet, and Monsieur *de Breves* nine; but both of them have exceeded. In depth it is three feet three inches and three quarters, and is the same in breadth. The hollow part within is in length, on the west side, six, feet and four hundred eighty eight parts of the English foot divided into a thousand parts, that is (*g*) 6 feet and 488 of 1000 parts of a foot, in breadth, at the north end two feet, and two hundred and eighteen parts of the foot divided into a thousand parts, (that is (*b*) 2 feet, and 218 of 1000 parts of a foot:) The depth is 2 feet

F f

and

(*f*) The compass of the *Scapus* of this column at *Alexandria* near the *Tarus* is 24 English feet: The compass of the *Scapus* of those at *Rome* is fifteen English feet, and three inches. By these proportions, and by those rules which are expressed in *Vitruvius*, and in other books of Architecture, the ingenious reader may compute the true dimensions of those before the *Pantheon*, and of this at *Alexandria*; being in my calculation the most magnificent column that ever was made of one entire stone.

(*g*) Six feet  $\frac{488}{1000}$

(*b*) Two feet  $\frac{218}{1000}$  In the recitation of these numbers, if any shall be offended either with the novelty or tediousness of ex-

and 860 of 1000 parts of the *English* foot. A narrow space, yet large enough to contain a most potent and dreadful monarch, being dead, to whom living all *Egypt* was too straight and narrow a circuit. By these dimensions, and by such other observations, as have been taken by me from several embalmed bodies in *Egypt*, we may conclude, that there is no decay in nature; (though the question is as old as *Homer*) but that the men of this age are of the same stature, they were near three thousand years ago; notwithstanding St *Augustine* and others are of a different opinion. *Quis jam ævo isto non minor suis parentibus nascitur?* Saith *Solinus*.

It may justly be questioned how this monument could be brought hither, since it is an impossibility that by those narrow passages before described, it should have entered. Wherefore we must imagine, that by some *Machina* it was raised, and conveyed up without, before this oratory or chamber was finished, and the roof closed.

expressing them so often. I must justify my self by the example of *Ulug.Beg.* nephew to *Timurlane* the great (for so is his name, and not *Tamerlane*) an Emperor of the *Moguls* or *Tartars*, (whom we term amiss the *Tartars*) for I find in his astronomical tables (the most accurate of any in the east) made about 200 years since, the same course observed by him, when he writes of the *Grecian*, *Arabian*, *Perian*, and *Gelalean* Epochas, as also of those of *Catæa* and *Turkistan*. He expresseth the numbers at large, as I have done, then in figures, such as we call *Arabian*, because we first learned these from them; but the *Arabians* themselves fetch them higher, acknowledging that they received this useful invention from the *Indians*, and therefore from their authors they name them *Indian* figures. *Lastly*, He renders them again in particular tables. Which manner I judge worthy the imitation, in all such numbers as are radical, and of more than ordinary use: For if they be only twice expressed, if any difference shall happen by the neglect of Scribes, or Printers, it may often so fall out, that we shall not know which to make choice of; whereas if they be thrice expressed, it will be a rare chance, but that two of them will agree; which two we may generally presume to be the truth.

closed. The position of it is thus, it stands exactly in the *Meridian*, north and south, and is as it were equidistant from all sides of the chamber, except the east, from whence it is doubly remoter than from the west. Under it I found a little hollow space to have been dug away, and a large stone in the pavement removed, at the angle next adjoining to it; which *Sands* erroneously imagines to be a passage into some other compartment, dug away, no doubt, by the avarice of some, who might not improbably conjecture an hidden treasure to be reposed there.

The ingenious reader will excuse my curioſity, if before I conclude my description of this Pyramid, I pretermitt not any thing within, of how light a conſequence ſoever. This made me take notice of two inlets or ſpaces, in the ѿuth and north ſides of this chamber, juſt oppofite to one another; that on the north was in breadth 700 of 1000 parts of the *Engliſh* foot, in depth 400 of 1000 parts; evenly cut, and running in a ſtraight line fix feet, and farther, into the thickneſs of the wall. That on the ѿuth is larger and ſomewhat round, not fo long as the former; and by the blackneſs within ſeems to have been a receptacle for the burning of lamps. *T. Livius Burretinus* would gladly have believed that it had been an hearth for one of thoſe eternal lamps, ſuch as have been found in *Tulliola's* tomb in *Italy*, and, if *Cambden* be not miſinformed in *England*, dedicated to the urns and aſhes of the dead; but I imagine the invention not to be fo anciēnt as this Pyramid.

*A description of the second Pyramid.*

FR OM this Pyramid we went to the second, being scarce distant the flight of an arrow from it ; where by the way, I observed on the west side of the first, the ruins of a pile of building, all of square and polished stone ; such as Pliny calls *Basaltes*, and describes to be *ferrei coloris, & duritiae* ; ---of an iron colour and hardness. Formerly it may be some habitation of the Priests, or some monument of the dead. To the right hand of this, tending to the south, stands this second Pyramid, of which besides the miracle, the ancient and modern writers have delivered little. Herodotus relates, that Cephron, in imitation of his brother Cheops, built this, but that he fell short in respect of the magnitude : *For (saith he) we have measured them.* It were to be wished, for fuller satisfaction of the reader, he had expressed the quantity, and also the manner how he took his measure. He adds, *It hath no subterraneous structures, neither is the Nilus by a channel derived into it, as in the former.* Diodorus somewhat more particularly describes it thus : That for the architecture, it is like unto the former, but much inferior to it in respect of magnitude : *Each side of the basis contains a Stadium in length.* That is, to comment on his words, of Grecian feet, six hundred ; of Roman, six hundred and twenty-five. So that by this computation, each side should want an hundred Grecian feet of the former Pyramid. Pliny makes the difference to be greater, for assigning eight hundred eighty-three feet to the former, he allows to the side of the basis of this, but seven hundred thirty-seven. By my observation, the stones are of colour, white, nothing so great and large, as those of the first and fairest Pyramid ; the sides rise not with degrees like that, but are smooth and equal, the whole fabrick (except where it is opposed to the south) seeming very entire, free from any

any deformed ruptures or breaches. The height of it, taken by as deliberate a conjecture as I could make (which it was easy to do, by reason of the nearness of this and the former, being both upon the same plain) is not inferior to it ; and therefore *Strabo* hath rightly judged them to be equal. The sides also of the basis of both are alike, as, besides the authority of *Strabo*, the *Venetian* doctor assured me, who measured it with a line.

There is no entry leading into it, and therefore what may be within, whether such spaces and compartments, as I observed in the former ; or whether different, or none, I must leave to every man's private conjecture, and to the discovery of after-times.

This is bounded on the north and west sides, with two very stately and elaborate pieces, which I do not so much admire, as that by all writers they have been pretermitted. About thirty feet in depth, and more than a thousand and four hundred in length, out of the hard rock these buildings have been cut in a perpendicular, and squared by the chisel, as I suppose, for lodgings of the Priests. They run along at a convenient distance, parallel to the two sides we mentioned of this Pyramid, meeting in a right angle, and making a very fair and graceful prospect. The entrance into them is by square openings, hewn out of the rock, much of the same bigness with those I described in the first Pyramid. Whether these were symbolical, as the theology of the *Egyptians* consisted much in mysterious figures, and the depression and lowness of these were to teach the Priests humility, and the squareness and evenness of them, an uniform and regular deportment in their actions, I leave to such as have written of their Hieroglyphics to determine. The hollow space within of them all, is somewhat like to a square and well proportioned chamber, covered and arched above with the natural rock : In most of which, as I remember, there was a passage opening into some other compartment, which the rubbage and darkness hindered me from viewing. On the north side without, I observed a line, and only one, engraven with sacred and *Egyptian* characters, such as are mentioned by *Herodotus* and *Diodorus*, to have been used by the Priests, and were different from the

vulgar characters in civil affairs : In which former kind *Justin Martyr* makes *Moses* to have been skilful, as the Scripture makes him to have been learned in all the wisdom of the *Egyptians*. These ran not downwards, as the *Chineses* in our times write, but were continued in a straight line, as we use to write ; and are to be read (if any understand those mysterious sculptures) by proceeding from the right hand to the left, and, as it were imitating the motion and course of the planets : For so *Herodotus* expressly informs us, That the *Grecians* write and cast account, going from the left hand to the right, the *Egyptians* from the right hand to the left. And this is that which in an obscure expression is also intimated by *Pomponius Mela* : *Egyptii suis litteris perverse utuntur*. A manner practised by the *Hebrews*, *Chaldeans*, and *Syrians* to this day, and not unlikely to have been borrowed by them from the *Egyptians*, to whom the *Chaldeans* also owed their first skill in astrology, as the *Grecians* did their knowledge in geometry, the former being attested by *Diodorus*, and the latter confessed by *Proclus* and other *Grecians*. And surely in imitation of these, or of the *Jews*, the *Arabians* neighbouring upon both, have taken up this manner of writing, and continued it to our times, communicating it also by their conquests, to the *Perians* and *Turks*.



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*A description of the third Pyramid out of Mr Bellon and Greaves.*

**A**MONGST many modern writers, none deserves to be placed before *Bellonius*, or rather before *P. Gillius*. For *Thuanus* makes the other to have been a *plagiarius*, and to have published in his own name the observations of *P. Gillius*, a man very curious, and inquisitive after truth, as appears by his *Typography of Constantinople*, and his *Bosphorus Thracius*, to whom *Bellonius* served as an *Amanuensis*: ‘The third Pyramid is much less than the former two, but is a third part greater than that which is at *Rome*, near the *Mons testaceus*, as you pass to *St Paul’s* in the *Ostian* way. It is still perfect, and no more corrupted, than as if it had been newly built; for it is made of a kind of marble, called *Basaltes*, or *Ethiopic* marble, harder than iron itself.’

It will be in vain to repeat the traditions and descriptions of several others; all which by a kind of confederacy agree in the same tale for the substance, only differing in some circumstances: So that I shrewdly suspect that *Diodorus* hath borrowed most of his relation from *Herodotus*; and *Strabo* and *Pliny* from *Diodorus*, or from them both; and the more learned Neoterics from them all. For else how can it be imagined they should so constantly agree in that, which if my eyes and memory extreamly fail me not, is most evidently false? And therefore I have a strong jealousy, that they never came near this third Pyramid; but that they did, as I have observed all travellers in my time in *Egypt* to do, fill themselves so full, and, as it were, to surfeit with the sight of the greater and fairer Pyramid, that they had no appetite to be spectators of the rest, where they should only see the same miracle, for the Pyramids are all of the same figure, the farther they went, de-

creasing, and presented as it were in a less volume. Or if they did view this, it was *quasi per transennam*, very perfunctorily and slightly, and that through a false and coloured glass; for they have mistaken both in the quality of the stone and colour of the Pyramid. I begin with *Herodotus*, who, by a notable piece of forgetfulness, if it be not a *σφίλμα* in the copies, makes the dimensions of each of the sides, in the basis of this, to be three hundred feet, and yet want but twenty of the first Pyramid, to which he assigns before eight hundred feet; an impossibility in arithmetic; and therefore it will be no presumption to correct the plate, and instead of *εἰκόνι ποδῶν καταδέσσων*, to write, *πεντεκοσιών ποδῶν καταδέσσων*. I know not how to palliate or excuse his other error, where he makes this Pyramid to be built as far as to the middle of it, with *Ethiopic* marble. If this sort of marble be *ferrei coloris*, as it is described by *Pliny*, and granted by *Diodorus* and *Strabo*, both of them expressing the colour to be black, and the latter bringing it from the remotest mountains of *Ethiopia*, where the marble hath the same tincture and colour with the inhabitants, then can this relation of *Herodotus* no way to be admitted; for the whole Pyramid seems to be of clear and white stone, somewhat choicer and brighter than that in either of the two other Pyramids. And therefore I wonder that *Diodorus*, *Strabo*, and *Pliny*, and amongst later authors, *Bellonius*, *Gillius*, and several others, should have all followed *Herodotus*, when with a little pains and circumspection, they might have reformed his, and their own error. It may perhaps be alledged in their defence, that they mean the buildings within are erected with black and *Ethiopic* marble; and yet if this be granted, since there is no entrance leading into this, no more than is into the second Pyramid, what may be within depends upon the uncertainty of tradition or conjecture, both which are very fallible; though it cannot be denied, but that close by this, on the east side of it, there are the ruins of a pile of building, with a sad and dusky colour, much like that we described in passing to the second Pyramid, which might be the ground and occasion

sion of this error. I cannot excuse the ancients, but *Bellonius* or *Gillius*, for it is no matter which of them owns the relation, when both of them have erred, are far more inexcusable, because it might have been expected from them what *Livy* supposes, *Novi semper scriptores, aut in rebus certius aliquid allatuos se, aut scribendi arote rudem vetustatem superaturos credunt*. Whereas these on the contrary have depraved what hath been in this particular with truth delivered by the ancients; for whereas *Herodotus* and *Diodorus* equal the side of the basis to three hundred feet, and *Pliny* extends it to three hundred sixty-three, these make it only a third part greater than the Pyramid at *Rome* of *C. Cætius*, near the *Mons testaceus*. So that either they have much enlarged that at *Rome*, or shrank and contracted this; for the Pyramid at *Rome*, exactly measured on that side which stands within the city, is compleatly seventy-eight feet English in breadth, to which if we add a third part of it, the result will be an hundred and four; which should be equal to this *Egyptian* Pyramid in the notion and acception of *Bellonius*,

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*Of the rest of the Pyramids in the Lybian desert.*

I HAVE done with these three Pyramids, each of them being very remarkable, and the two first reckoned amongst the miracles of the world. The rest in the *Lybian* desert, lying scattered here and there, are, excepting one of them, but lesser copies, and, as it were, models of these: And therefore I shall neither much trouble my self, nor the reader, with the description of them. Though to speak the truth, did not the three first, standing so near together, obscure the lustre of the rest, which lie far scattered, some of them were very considerable. And therefore I cannot but tax the omission of the ancients, and the inadvertency of all modern writers and travel-

travellers, who with too much supineness have neglected the description of one of them; which in my judgment is as worthy of memory, and as near a miracle as any of those three which I have mentioned. And this stands from these south and by west, at twenty miles distance, more within the sandy desert, upon a rocky level like these, and not far from the viilage whence we enter the Mummies. This as the Venetian doctor assured me, and as I could judge by conjecture at a distance, hath the same dimensions that the first and fairest of these hath, graduations, or assents without, and of the same colour like that, but more decayed, especially at the top, and an entrance into it on the north side, which is barred up within; and therefore whatsoever is spoken of the first, in respect of the exterior figure, is applicable to this. *Bellonius* exceeds in his computation of the number of them, who thus writes: *Above an hundred others are seen dispersed up and down in that plain.* I could not discover twenty. And long since, *Ibn Almatrag*, in his book of the *Miracles of Egypt*, reckons them to be but eighteen: *There are in the west side no more famous buildings than the Pyramids, the number of them is eighteen; of these there are three in that part which is opposite to Fostat, or Cairo.*



*In what manner the Pyramids were built.*

WE had ended our discourse of the Pyramids, but that I find one scruple touched upon by *Herodotus*, *Diodorus*, and *Pliny*, which is worth the discussion as a point of some concernment in architecture; and that is, in what manner these Pyramids were built, and with what art and contrivance the stones, especially those vast ones in the first were conveyed up. *Herodotus*, who first raised the doubt, gives this solution: ‘ They carried up the rest of the stones with little engines made of wood, raising them from the ground upon the first row: When the stone was lodged upon this row, it was put into another engine, standing upon the first step, from thence it was conveyed to the second row by another: For so many rows and orders of steps as there were, so many engines were there; or else they removed the engine, which was one, and easy to be carried to every particular row, as often as they moved a stone. We will relate that which is spoken of either part; therefore those in the Pyramid were first made, which were the highest, then by degrees the rest, last of all, those which are nearest to the ground, and are the lowest.’ The first part of this solution of *Herodotus* is full of difficulty. How in the erecting and placing of so many machines, charged with such massy stones, and those continually passing over the lower degrees, could it be avoided, but that they must either unsettle them, or indanger the breaking of some portions of them; which mutually would have been like scars in the face of so magnificent a building? His second answer is the sounder; but I conceive the text to be imperfect. *Diodorus* hath another fancy: ‘ The stones, (saith he) at a great distance off were prepared in Arabia, and they report, that by the help of *Aggeres* (engines

(engines not being then invented) the work was erected. And that which begets the greatest admiration is, that so vast a structure was perfected in that place, which is all about replenished with sand, where there appears not any relics, either of the *Aggeres*, or of the hewing and polishing of the stones ; so that it seems not piecemeal by the industry of men, but altogether, and at once, the whole pile, as it were by some God, was erected in the midst of the sands. Some of the *Egyptians* relate wonders of it, and endeavour to obtrude I know not what fables ; namely, That these *Aggeres* consisting of salt and nitre, were dissolved by letting in the river, which wholly consumed them without the labour of hands, leaving this structure entire. But the truth of the business is not so, but that those multitudes of men which were employed in raising the *Aggeres*, carried them away unto their former places : For, as they report three hundred and sixty thousand men were employed in these offices, and the whole work was scarce finished in the space of twenty years.' *Pliny* partly agrees with him, and partly gives another answer the question is, by what means the cement is conveyed up to such a height (he rather might question how those vast stones were conveyed up, some say, that banks of nitre and salt were made up as the work rose, which being finished, they were washed away by the river Nilus. Others imagine that bridges were made with brick ; which, the work being ended, were distributed into private houses : for they conceive that the Nilus being much lower, could not come to wash them away. If I may assume the liberty of a traveller, I imagine that they were erected, neither as *Herodotus* describes, nor as *Diodorus* reports, nor as *Pliny* relates, but that first they made a large and spacious tower in the midst reaching to the top ; to the sides of this tower, I conceive, the rest of the building to have been applied, piece after piece, like so many buttresses or supporters, still lessening in height, till at last they came to the lowermost degree. A difficult piece of building taken in the best, and easiest projection ; and therefore it is no wonder if it were not often imitated by the ancients, and no where

where expressed or commended by the great Master of architecture *Vitruvius*. Yet surely if we judge of things by the events, and if we reflect upon the intention of monuments, which are raised by the living, to perpetuate the memory of the dead, then is this as commendable a way as any. And therefore we see at *Rome*, that though by the revolution of so many ages the *Mausoleum* of *Augustus* be almost decayed, and the *Sextizonium* of *Severus* be utterly lost, both intended for lasting and stately sepulchres, yet the Pyramid of *C. Caesius* stands fair and almost entire; which is no more to be compared, either for the vastness of the stones or the whole bulk and fabric of it, with these, than are the limbs and body of a dwarf to the demensions of a giant, or some large *Colossus*.

I have done with the work, but the Artizans deserve not to be pretermitted; concerning whom the observation of *Diodorus* is as true, as it is boldly delivered by him.  
• It is confessed, that these works, (speaking of the Pyramids) far excel the rest in *Ægypt*, not only in the massiness of the structures, and in the expences, but also in the industry (and skill) of the artificers. The *Egyptians* think the Architects are more to be admired than the Kings, who were at the expence; for they by their abilities and study, these by their wealth received by inheritance, and by the labours of others erected them.

### *The Conclusion.*

**A**ND thus much of the *Sciography*, or of the artificial and architectonical part; I shall shut up all with one observation in nature for the recreation of the reader, recited by *Strabo* in these words. ‘ We ought not to omit one of the strange things seen by us at the Pyramids: Some heaps of stone, being fragments hewn off, lie before the Pyramids, amongst these are found little stones, some in the similitude and bigness of lentils, some as grains of barley, which appear half unscaled: They report these are some relics of the

‘ the provisions, which were given to the workmen, ‘ and have been petrified ; which seems probable ‘ enough.’

These, if they were ever any such, are either consumed by time, or scattered by the winds, or buried with those tempests of sand, to which the desarts are perpetually exposed : But *Diodorus*, who not long preceded him, was not so curious as to deliver this relation. And were not *Strabo* a writer of much gravity and judgment, I should suspect that these petrified grains (though I know such petrefactions to be no impossibility in nature ; for I have seen at *Venice* the bones and flesh of a man, and the whole head entirely transmuted into stone ; and at *Rome* clear conduit water, by long standing in Aqueducts, hath been turned into perfect alabaster) are like those loafs of bread, which are reported to be found by the Red Sea converted into stone, and by the inhabitants supposed to be some of the bread the *Israelites* left behind them, when they passed over for fear of *Pharoah*. They are sold at *Grand Cairo*, handsomely made up in the manner of the bread of these times, which is enough to discover the imposture ; for the Scripture makes them to have been unleavened cakes : *And they baked unleavened cakes of the dough which they brought forth out of Egypt*. Or else *Strabo*’s relation may be like the tradition of the rising of dead mens bones every (*i*) year in *Egypt* ; a thing superstitiously believed by the Christians, and by the Priests, either out of ignorance or policy, maintain’d as an argument of the resurrection. The pos-

sibility

(*i*) *Sands* in his Travels writes *That they are seen to rise on Good Friday*. A Frenchman at *Grand Cairo*, who had been present at the resurrection, shewed me an arm which he brought from thence ; the flesh shriveled, and dried like that of the Mummies. He observed the miracle to have been always behind him : once casually looking back, he discovered some Bones, carried privately by an *Egyptian* under his Vest, whereby he understood the Mystery.

sibility and truth of it, *Metrophanes*, the Patriarch of *Alexandria* thought, but very illogically, might be proved out of the Prophet *Esaiah*: ‘ And they shall go forth, and look upon the carcases of the men that have transgressed against me, for their worm shall not die, neither shall their fire be quenched ; and they shall be an abhorring unto all flesh.’

But I have digressed too far ; the confutation of these, and the description of the Mummies, or of the rest of the *Egyptian* sepulchres, for from thence comes the matter of this their supposed resurrection, and that infinite mass and variety of hieroglyphics, which I have either seen there, or bought or transcribed elsewhere, may be the (*k*) argument of another discourse.

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(*k*) An argument intended by me and for which I made a collection of several Antiquities, in my Travels abroad, but these (and I wish only these) have unfortunately perished at home amidst the sad distractions of the time.



*Of the Pyramids, Spynx, Mummies, &c By Father Vansleb and others.*

**I**N my first voyage to *Egypt* I had seen the Pyramids, but having another opportunity offer'd to me; I went thither to view again these rare monuments of antiquity, to see whether I might not observe something more than I have taken notice of in my first relation.

On the 27th of *April* I went thither in the company of the *French Consul* and many other Merchants, and with almost all his household; we had with us three Janizaries to guard us, so that we were in all about fifty Cavaliers well mounted upon asses, taking with us provisions sufficient for three days.

1. When we were come to the Pyramids, and had observed exactly every thing, I took notice that the place where they stood was a burying-place. This is plain to any that see the place; and doubtless it was the burying-place of the old city of *Memphis*; for all the *Arabian history* inform us, that this city stood where the Pyramids now are, over-against old *Cairo*.

2. I took notice, that all the Pyramids have an entrance that leads to a low alley, which is very long, and at the end is a chamber, where the ancient *Egyptians* did place the bodies of those persons for whom the Pyramids were built. This entrance is not to be seen in every one of the Pyramids, because the wind hath stopt them with sand. I saw upon some of them some Hieroglyphic characters, but I had not time to write them out.

3. I took notice, that all the Pyramids were built in very good order; and that each of the three greatest were at the head of ten lesser, which are not well to be distinguish'd, because of the heaps of sand; one may yet imagine, to see the place, that in former ages there have been here one hundred Pyramids little and great.

4. I took notice, that they are all built upon an even rock cover'd over with white sand; so that it is very probable that the stones have been taken from the place, and not brought from far, as some travellers imagine, and old writers, for the greatest is nothing but a rock cut as a Pyramid, and cover'd over with a wall of stone.

5. I took notice, that of all the stones of the greatest there is scarce one intire, but either worn out with the weather and time, or broken by some other accident; so that tho' one may ascend on all sides to the top, yet not in all places with the same ease.

6. I have taken notice, that none of the Pyramids are alike, or perfectly square, but that all have two sides longer than the others. I intended to measure the greatest; for that purpose I had with me a string of about thirty land-yards, bdt because the winds have heaped about it mountains of sand, I could not possibly draw a line straight from one angle to the other.

On the 28th of December I went to see the Pyramids the third time with some strangers. In our way we were mightily troubled with a very thick mist, which lasted till ten in the morning; and we found a great deal of mud in the trenches and ditches, which was not yet dry since the retreat of the river; so that we were carry'd over upon the Moors backs that were with us.

At this time I went up to the top of the great Pyramid, and I observed as at the first, that the place where the Pyramids stand is a pure rock, cover'd over with white sand, which appears sufficiently by the ditches and caves round about the Pyramids cut in the rock.

2. The rock is to be seen, upon which stands the greatest Pyramid; by a hole at one of the angles, between the east and the north sides.

3. The Pyramids are not built with marble, as some say, but with a white sandy stone very hard.

4. The greatest hath but two hundred and six steps; and tho' Monsieur Thevenot saith that it hath two hundred and eight, this proceeds from his not taking notice that two steps are broken into four.

5. On the top of the greatest Pyramid there was anciently a statue or *Colosse*. This appears, because it is not sharp as the others but plain ; and there are yet to be seen great pits, which were to keep fast the *Colosse* from falling.

At present there is nothing on the top but many letters of the names of persons of all nations, who have left them to witness that they had been there. There is no sign of the play at *Manacala*, which a *Coptie* told me was there imprinted in the days of the *Pharaohs*.

6. The Stones of the biggest Pyramid are not equal, for some of the undermost are four foot high, some three foot an and half, and five foot long. The stones of the middle are three foot and five inches high, and the uppermost stones are but two foot high, and three and an half long.

7. The sides of the Pyramids are not equal ; for in the greatest it is visible, and so in the others, that the north side is longer than that which stretches from east to west.

8. In all the Pyramids there are very deep wells cut in the rock square ; as I have seen in more than ten.

On the 26th day of *June* I went the fourth time to see the Pyramids, in the company of Monsieur *Sabatery* Vice-consul of *Alexandria*.

In the passage to old *Cairo*, on the other side of the river, I took notice of one thing very remarkable in it's channel ; the water was perfectly green, as a cake cover'd over with green grass. This was the first time that I saw it of this colour ; which caused me to ask of the boatmen what this green colour was ; they told me, that the river *Nilus* did then putrify, that it had continued so fifteen days, and would be so five more. Some of them said, that there was none could remember to have seen the river so green as that year, 1672.

To return again to the Pyramids, I went up this time to the top of the highest Pyramid, I entered into the chamber, but saw no new thing which could cause me either to change or add to my former observation. It is needless to speak of it's dimensions, seeing so many travellers

travellers have already publish'd them, as Monsieur *Thevenot* in his *Levant* travels.

From the Pyramids we went to take a view of the caves that are adjoining. There are many, all cut in the side of a rock; their outsides are out of order, without any proportion, but their inside very equal and polish'd. In every one there is a deep square well, cut in the rock, where the *Egyptians* did put the body of that person for whom the cave was made; for it was their sepulchre. The walls of many of these caves are full of hieroglyphic figures carved in the rock. In some they are but small, in others very lively. In one I numbered sixteen great figures, that represented eight men and eight women, holding one another by the hands, with many other small figures or shapes, on both sides.

The great Pyramid is five hundred and twenty foot high upon a base of six hundred and eighty two foot square; the platform at top is sixteen foot and two thirds square, and is composed of twelve large stones, yet this from below appears to the eye a sharp point. A strong man cannot throw a stone from the top, so as to make it fall beyond the steps or basis of the Pyramid.



*Of the S P H Y N X.*

**W**E saw next the *Sphynx*, near the Pyramids, on the east side. On the top stands the head of a woman of an extraordinary bigness and height. The Arabians call it *Abul-hon*, or *Abul-houl*.

Pliny saith, that it was the tomb of King *Amasis*. I imagine that this *Sphynx* was a sepulchre, but we cannot understand that it belonged to *Amasis*; for all the records and traditions of this *Sphynx* are lost.

That it is a tomb may appear, first by it's situation, which is in a place that was in former ages a burying place; and near the Pyramids and mortuary caves. Secondly, it is to be imagined that it was a sepulchre from it's building. In the hinder part is a cave under ground, of a bigness answerable to that of the head, into which I have look'd by an entrance that leads into it, so that it could serve to no other purpose, but to keep a dead corpse.

Some *Franks* have, out of an excess of curiosity, climb'd up by the means of rope-ladders, to see whether this head was hollow, or massy, and they have found it to be hollow, but filled at present with sand.

The neck is worn out round about, which causeth men to imagine that it will not be able to support the weight of that great head.



*Of the wells where the Mummies are.*

WHEN we had fully view'd this *Sphynx*, we took the road that leads to *Saccara*, a village, at four hours traveliing from the Pyramids, and about eight from *Cairo* towards the south. The burying-place of the Mummies is near adjoining to this village.

And because it was very late, and that we were to agree with the *Arabians* of the village about the price, the number and quality of the wells that they were to open for us, we stopt there all night, and the next morning we took with us twelve horsemen, to guard us, of the *Arabians*; with them we went to this burying place, where the Mummies are in caves under ground.

The first well that we saw was that of birds embalm'd; when we had caused the sand that stops the well's mouth to be removed, through which we were to go down, and from thence to enter into the cave, we caused ourselves to be let down one after another, by tying a double rope about our middles. As soon as we were at the bottom, and that every one had lighted his taper, and several matches that we had brought, we went into the cave creeping upon our bellies. The cave is an alley in the rock, about the height of a man, and about the breadth of a perch, and of an extraordinary length. We found there many other allies on both hands, cut in the rock, where were many large stores full of earthen pots, covered over with coverings of the same substance. In these pots were embalm'd birds of all kinds, every bird in it's own pot. And as I thought that the remenbrance of a custom so ancient and superstitious was worthy of our notice, I brought about half a dozen with me, some I have sent to the

King's library. We found also some hens-eggs empty, but entire, without any ill smell or crack.

When we had view'd sufficiently this cave, we returned up in the same manner that we went down, and found another open'd, called the *Virgin*, which is that was never opened before. According to our orders to the *Arabians*, Monsieur *Tiger* and the others went down in the same manner as into the former, I alone could not follow them, because of a *quartan* fever, which had troubled me fourteen months, and took me at that very moment; but I lost nothing by that; for these gentlemen told me at their return, that they found an horrid stench and a close air, that put out their candles and their matches also, every time that they endeavour'd to light them, which caused them to get up again without entring farther. They told me that this well was much deeper than the former.

We caused another to be opened, which was not a Virgin-well, as the former, because it was not so deep. I ventured into that, notwithstanding my indisposition.

We found there two Mummies, a great one and a little one of a child, both in coffins; the greatest was of marble, upon the covering it had the likeness of the person for whom it was made. We caused these biers or coffins to be open'd, but found nothing extraordinary, therefore we made no account of them, and left them where we found them.

We went down next into a cave, call'd *The Church*, which was not so deep as the former. It was nothing but a long alley under ground, well plaistered, and painted all over with hieroglyphic figures round about the sides. It was almost all full of sand, which caused us to creep along upon our knees.

If the reader desires a prospect, and a description of this ancient burying-place, let him think upon a boundless champain, even and covered over with sand, where neither trees, nor grafs, nor houses, nor any such thing is to be seen; let him represent to himself the superficies of this large field full of dry bones of arms, legs, feet, and heads; full of scattered pieces of wood of coffins,

fins, of little idols, some of wood, others of plaster embolish'd with green, and mark'd before and behind with hieroglyphic letters. These idols the *Arabians* have taken from the broken Mummies, which they have cast away. In some places you may see great tomb-stones, full of cyphers and enigmatical figures, that represent something of chymistry, and of other sciences and mysteries, and full of strange characters that are no Hieroglyphics. Whilst I was looking upon this spectacle, the *Arabians* brought me two, whereof I caused the copies to be drawn as soon as I was returned to *Cairo*.

You have here a description of some relicts of the grandeur and vanity of the ancient *Egyptians*, and the mournful signs of man's mortality. The first sight is able to dash a person newly arrived out of countenance, and to affright him; I mean the sight of so many bones all scattered up and down, one would think that here hath been a grievous fight.

In this champain or field here are fifteen Pyramids; three are of an extraordinary bigness, which seem to have been favoured by time; for they appear entire without much decay. Here is also an entrance into every one, that shews a long alley which leads to a chamber; Monsieur de *Tiger* went into that which is farthest from the village, commonly named *The Pyramid of Rodope*, where he found nothing in the chamber.

This Pyramid is built as a pavillion. The *Franks* say, that *Rodope*, a famous strumpet, caused it to be built with the money that she had gotten with the loss of her honour. But this is doubtless an error, if it be true what *Pliny* saith, that the Pyramid of *Rodope* was but small, though very beautiful; therefore this, which is one of the greatest in all *Egypt*, cannot be that of *Rodope*. These are the words of *Pliny*: *Supremumque illud ne quis Regum opes miretur, minimam extitisse laudatissimam à Rodope meretricula factam. Aesopi fabularum Philosophi conserva quondam, & contubernalis hæc fuit, majore miraculo tantas opes meretricio esse conquistas questu.*

For the others that are in the same field, time hath almost worn them out; for they are but so many heaps of sand, which have scarce the shape and shadow of what they have been heretofore.

Here is also a square heap of very great hewn stones. The *Arabians* name it *Mastabet Faraoun*; for they say, that when the *Pharaohs*, Kings of *Egypt*, were to declare and give a new law to the people, they stood on the top of this heap. But these are the traditions of the poor *Arabians* that have nothing of certainty.

To return to the wells of the Mummies; as soon as the *Franks* have visited any, the wind, or the *Arabians* fill the entry again full of sand, to get a little money at the second opening: This is the greatest gain of these wretches. The least they take for to open a Virgin-well is thirty piasters, because they that cause the well to be opened, have the liberty to carry away all the curiosities and Mummies that he finds there.



*A description of an entire body of a Mummy.*

HIS was a long and large body, in a very thick coffin of wood, shut close on all sides ; the timber was not at all rotten, and we found it to be Sycamore-wood, which in *Egypt* they call *Pharaoh's fig-tree*, that does not rot so soon as other wood. Upon the coffin the face of him that was within it was cut in embossed work. Some coffins there are also of stone, with the face of the person within, cut in bas, and Hieroglyphics all along the length of it. There are two of these stones in the house of Monsieur *Fouquet* at St *Mande*, and I had two of them also, of which one was broken at *Alexandria*, and the other I brought home with me very whole, which weighs betwixt seven and eight hundred weight. Some of these coffins are made of several pieces of cloth pasted together, which are as strong as the wooden ones. I have one of this kind in my closet, made of above forty cloths glew'd or pasted together in thickness, which are not in the least rotten ; it is cover'd all over with Idols and Hieroglyphics, painted on a very thin plaster, with which the outside cloth is daub'd over, but it is a little spoil'd, the plaster in some places being rubbed off. Among these figures there is a compartment at the lower end, two inches broad, and a foot long, being painted cross-ways over the coffin, wherein may be seen the manner how the ancient *Egyptians* embalm'd dead bodies. In the middle of this compartment there is a long table shaped like a lion, on the back of which the body that is to be embalm'd is laid at length, and hard by there is a man with a knife in his hand opening the body ; this man hath on a vizard mask, shaped like the beak of a sparrow-hawk, which without doubt was the custom of their embalmers, who made use of that kind of mask, that they might not breathe in the corruption that might evaporate from the

the death bodies, as the Physicians of *Italy* do at present, who in time of a plague never stir abroad without a mask of this kind, in the long nose of which they put perfumes ; though I make no doubt, but the mask I speak of is the head of *Osiris*, which the *Egyptians* represented with the head of a sparrow-hawk, as they did *Anubis* with the head of a dog, the *Nile* with a lion's head, &c. But as a surer mark that it is an embalming, there are four vessels without handles upon the aforesaid table, which could be nothing else but the vessels wherein the necessary drugs were kept not only for embalming, as *Balm*, *Cedria*, &c. but also for the wrapping up and incrustation of the body, as *Bitumen* and others ; by the sides of the table there are several persons standing and sitting in divers postures. Within this coffin is the figure of a naked maid with her arms stretched out.

But to return to my first discourse. This wooden coffin I mention'd being broken to pieces with hatchets, we found an entire body in it, which lay in this manner : The face was cover'd, as commonly all the rest are, with a kind of head-piece of cloth fitted with plaster, on which the countenance of that person was represented in gold, and when we took off the helmet, we found nothing of the face remaining, which is commonly reduced to ashes ; I believe it is, because it will not admit of gumming so well as the other parts of the body. However, I brought to *Paris* the head of a Mummy whole and entire, but it is all covered with fillets of cloth, so neatly fitted, that they hinder not, but one may see the shape of the eyes, nose, and mouth. The rest of the body was swathed with little bands of cloth very neatly made, but wrapped about with so many casts and turnings, that I believe there were a thousand ells in it ; and certainly it is so rare a way of swathing and binding, that I think it cannot be imitated at present, as many Chirurgions have acknowledged to me. Along the brest and belly there was a band of cloth three good fingers broad, and a large foot and an half long, it was fastened to the other bands, and upon it were several Hieroglyphics done in gold. I took this writing and folded it up, that

that I might the more conveniently carry it up with me. I hoped to have found idols in that coffin, knowing that they interred many with their dead, either of stone, copper, or green earth, as I have several that have been found in these bodies, but finding none, I thought there might be some within his body ; for after they had embowell'd them, they often enclosed idols within their bellies ; for that end I had it broken up, but we could find nothing. I considered then that balm which is now quite lost, it is black, hard, and shines like pitch, having much such a smell, but more pleasant, that kept bodies entire, and, I believe, the sand contributed not a little thereto , for even in the greatest desarts of *Arabia*, sometimes the dead bodies of men and dogs are found entire, who falling asleep, and staying behind the caravans, are covered over with an ocean of sand driven by the high winds in which the bodies being bury'd, are by the dryness and salt that is in the sand, which dries up all the humidity of them, preserved entire, and are afterwards found, when another wind blowing, carries off the sand again. Many think that the bodies so dry'd are the true Mummy ; it is a mistake, and that which Merchants bring into Christendom, to be used in medicine , is the Mummy we first described, Near the room I went into there were several other full of bodies, but seeing the entries into them were full of sand, I call'd to them above to pull me up again by the same rope, with which I was let down, being much dissatisfy'd with my *Moors*, who had open'd so sorry a pit for me. When I was got up I look'd upon my cloth, whereon were characters of gold, but was much vex'd to see that all the letters disappeared, and that by my own fault, because I had folded it together when it was very humid, and so all the gold and paint stuck to the opposite sides ; whereas I should have brought it up open and dry'd it in the sun. But I have others that are finer, which are only a little spoiled in the bringing. I brought with me also some hands of Mum-mies, which are as entire at present as ever they were. I had also the good fortune to buy upon the place some idols of the *Moors* , who come and sell them

to the *Franks* in the city. These idols are of several sorts, and in many postures, there are of them of copper, of several sorts of stone, and several sorts of earth also ; at least I have some of all these kinds, all which I am very sure have been taken out of Mummies, and cannot be said to be counterfeit, for besides that they have not the art to do it, they sell them at so easy a rate, that the very materials are worth more. This is all I could observe of the Pyramids and Mummies ; and hence it appears, that the ancient *Egyptians* spent more in their tombs than during their whole lives ; and one reason they gave for that was, that their houses were only for living a short time in, and their tombs the palaces that were to be inhabited by their souls for many ages. Not far from these Mummies, towards the *Nile*, are some remains of a large town, which was *Memphis*, the inhabitants whereof were buried there, the ancients never burying their dead within towns, for fear of infecting the air, none but Christians, who mind not that, bury their dead any where. Now, to prove that these great ruins are the remains of *Memphis*, *Pliny* affirms it, when he says, that the Pyramids are betwixt the *Delta* of *Egypt* and the city of *Memphis* on the side of *Africa*. At length were turned by old *Cairo*, and saw all that is curious, or worth being seen in it.



*A Letter from Dublin, concerning the Porphyry Pillars in Egypt. By Dr Huntingdon.*

SIR,

YOU engage me after a very undeniable manner, as I perceive by the minutes of your philosophical society, to send you some account of the porphyry pillars in *Egypt*; and though I could have satisfied your curiosity much better in this matter, had you thought of it when I was amongst my papers in *Oxford*, yet rather than hazard your good opinion, or give the least pretence of disrespect to your worthy company, for whose persons and designs I have so just an esteem and veneration: I here send not what's fit for me to write, or you to read, but what I can remember upon this subject.

Nor do I intend to speak concerning the nature or composition of stones in general, or of porphyry more particularly, but merely as to matter of fact, so far chiefly as it fell under my own cognizance, i. e. if you please, rather like an Historian than a Philosopher.

In the first place then, I think it may be taken for granted, that there is no such quarry, or rock of stone rather, in all the lower parts of *Egypt*; for so far as the *Nile* overflows is perfect soil. A sample whereof I hope you still retain, and let me entreat you to be very exact in weighing it this year, that you may be sure whether it be heavier in the time of the inundation, as is generally believed, than before or after: And when, and in what proportion it increases.

The boundaries of this overflow, which are never ten miles from the channel, that I saw, generally scarce half of it, and in some places but a mile or two (the *Delta* still excepted, which is universally covered, all but the north side to the sea, and a little to the east for some miles above *Damiata*) are rising hills of sand, beyond

yond which is perfect desert, upon the *Afric* side, the *Lybian*. [Higher south I have been told, there are rocks nearer the river, and in some places straiten it.] But under those sands is a yielding stone, not much harder than chalk, though not so white, and very easily managed, as at the *Mummies* deep spacious vaults, which were the old repositories for the dead. And the like also may be said of those cells or sepulchres which are hewn purely out of the rocky earth three quarters of a mile on the south of *Alexandria*. Albeit nearer the sea there are stones of a harder kind, and with which they build; but by their mouldering away, as appears by the remains of houses within the walls of the city; 'tis plain they can't endure the weather, which is sufficiently corroding there. The iron which once plated their thick wooden gates being mostly eaten away, and the deep characters upon the sides of these very porphyry pillars exceedingly defaced. Indeed about *Memphis*, &c. by the Pyramids, they have a milder air; and the hieroglyphics cut in those stones will last well enough, till they shall be removed into a rougher: But then they'll crumble and scale, as I found by sad experience. For having procured four stones, the best marked with those figures of antiquity I could meet with, and sent them down to *Alexandria*, in order to their transportation for *England*, I found them, upon my second voyage into *Egypt*, very much injured, being put into the custom-house-yard (where they lie still embargo'd) by the *Aga*, who demanded an intolerable sum for liberty to ship them, as you may remember I told you the story.

But yet farther in the country there are mountains of harder stone: In the *Nitrian*, now the desert of *St Macarius*, and not far from the lake where the latroon or true nitre incrustates upon the top of the water, there are many, and some of them not utterly unlike porphyry. That which nearest resembles it's colour, though not it's consistence, is the vein that produces the eagle-stone, of which there are many in the *Babr Batama*, a great sandy valley: But these stones are of a different complexion from porphyry, as you may perceive by those I sent you, which also will assist your conjectures of their original.

*Hannover;*

However, I can't pronounce that there is no porphyry hereabouts ; for in the chief monastery of the four now remaining (of 366, as many as are days in the longest year) dedicated to the Blessed Virgin ; the two stones which secure their entrance are of the like, if not the very same substance ; which I more particularly observed upon the account of their ingenious contrivance ; for these poor people, lying otherwise at the mercy of the roving *Arabs*, with these two mill-stones (for that's their make) thus make good their gate against them, (or rather their passage) into which they run them, and then drive a great wooden wedge between them on the inside, which so fastens them, that they cannot be loosed, but upon the infide neither. And of such a sort of porphyry is the noted *Sphynx* (a mighty head and shoulders one hundred and ten feet in compafs) yet standing by the northern Pyramids.

I have indeed been told of the place upon mount *Sinai*, whence this porphyry came, but so they shew the very rock where the two excellent double rows of pillars in the church of *Bethlehem* were hewn ; though I went away satisfy'd that it was a quite different sort of stone. Another tells of a pillar of the same make yet lying there ; and if this be certain you need seek no farther. Albeit, I must tell you, that the stones brought thence with the representation of a buck (it must needs be call'd) upon them, some of which you had, though reddish, are of a much finer and more even texture.

*Wansleben* writes of a great many more southerly ; but I know him to well to believe all that he says for Gospel. And a more sober man, Father *Carlo Francisco d'Orleans*, now superior of the *Capucines* at *Cairo*, who went three hundred leagues up the *Nile* in the year 1569, told me of many temples, statues, and pillars at that distance ; though I cannot be sure he said there were any of porphyry. But since it was in *Thebais*, why may we not suppose them of that black, white, and red speckled *Thebaic* marble, famous in the world, and wherewith the lesser Pyramid perhaps was crusted, yet to be seen upon the ground about it, and when polish'd looks finely.

Those

Those which I have myself seen, are one of them at the *Matarea*, three or four miles east of Grand *Cairo*, and two at *Alexandria*, just within the wall upon the north side of the city ; for *Pompey's Pillar*, as they call it, half a mile without the gate to the south, is quite of another make and matter ; one of these is thrown down and broken into pieces, but was of the same dimensions for breadth and thickness with the other. The *Franks* call them *Aguglia's*, the *English* particularly *Cleopatra's needles*; but the inhabitants content themselves with the general name of Pillars. They have no Basis nor Pedestals above ground ; and if they never had, they must needs be very deep in the earth. The draughts I here send you will excuse all farther description. One of them was very well taken by Monsieur *Brute* a *French Druggerman*, the other by a *Dutch Painter*, who, you will see, has but little commended his art.

If you have a fancy, upon the sight of them, to sift out the Hieroglyphic character with which they are engraven, perhaps you will find it to be the aboriginal *Egyptian* letter, long since worn out of common use in the country, as the *Samaritan* (so it is now generally call'd) was amongst the Jews ; and that it bears proportion with the *China* now in use, where each note represents a word, or rather an entire signification. And moreover, that it is wrought the same way too, from the top to the bottom ; as you have seen in the board I brought from a door in the village *Succard*, which is next to the Mummies, the largest piece of *Egyptian* writing, perhaps at this day in *Europe*. I confess that in the vaults or Priests chambers cut out of the rock, close by the second Pyramid, the whole walls are inscribed therewith, but I speak of an original. And if all that is there written were but exactly copy'd, it might be then lawful to hope, that the language so long since dead and bury'd in the house of bondage, might have it's resurrection in the land of liberty.

That

That such vast monuments might be removed from place to place, is difficult indeed, but not impossible. And if one *Archimedes* (as *Athenæus* preserves the story for us) could launch the vast ship of *Hiero*, which all the strength of *Syracuse* was not able to bring to sea ; what might not many great masters in the same art perform, and upon their own dunghill too ? For I may call *Egypt* the mother of the Mathematics.

Besides, some of these mountains are near the Red Sea, and *Sus* from *Cairo* but two or three days, from *Nile* less ; and how possible it is to convey mighty weights by water, let the Obelisks at *Rome* declare ; which were all of them brought from this very country ; and that such things may be done by land too, tho' not by every one, is plain enough; because we see they have been done. At *Baalbec*, which is fourteen hours from *Damascus*, for thence I went, accompany'd with Mr *Anth. Balam* and Mr *Jo. Verney*, both now in *England*, whom I thought fit to name for my Compurgators, if you should question the credit of the story ; there is a stone about sixty six foot long on the north side of the castle-wall, and two more of sixty each ; and I believe we saw the way they travell'd, having left one of their company, tho' not quite so big in the road, as a monument thereof to this very day.

If you have got the piece of this *Aguglia*, (for I have nothing here) you will thereby best discern it's colour and composition. It is something more lively than the Porphyry of St *John's* font (for by that name it is known) at *Ephesus*, much more vived than those four tall square pillars at *Tadmor* (in it's middle age *Palmyra*) which are each of them but of, I think, one piece, whilst all the rest, exceeding many, of another sort of stone, are of several pieces, and round. If you will attribute the clearnes of their complexion in part to the air, which corrodes them especially upon the north and east ; I impose not upon the liberty of your reason.

If the *Iconography* of them (which I desire you to reserve for me) won't excuse me from any farther description, I beg your pardon that I have said thus much, and hazarded my judgment to demonstrate my affection, how much I am, and endeavour to be,

*Your faithful Friend,*

*And humble Servant,*

R. H.

*The cuts of these pillars are not prefixt to this paper, because engraven and publish'd elsewhere.  
See Philosophical Transactions, N<sup>o</sup> 178.  
p. 1252.*

‘ Monsieur Cuper, in his letter to *l'Abbe Nicaiſe*,  
• informs the world, that he had received letters from  
• *Aleppo*, which say, that some *English Gentlemen*,  
• out of curiosity, going to visit the ruins of *Palmyra*,  
• had found four hundred marble columns, of a sort  
• of Porp'ry, and also observed some temples, yet  
• entire with tombs, monuments, *Greek* and *Latin* in-  
• scriptions, of all which he hopes to get copies.  
• *Journal des Scavans*, N<sup>o</sup> 25, Anno 1692.’



*A journey from Grand Cairo to Mecca.*

THE day that the *Emir-Adge* parted from *Cairo*, he encamped in tents, close by the city, and a few days after he encamped at the *Birque*, which is a great pond about twelve miles from *Cairo*, near to which they encamp. This place is the rendezvouz of all the Caravans. The *Emir-Adge* parted from thence with the whole Caravan, Wednesday the eighth of *August*, it being the custom for the Caravan of *Cairo* to set out fifty seven days after the beginning of the *Ramzdam*, that so it may be there punctually at the time. It is very pretty to see them encamped in the night time, because of the infinite number of lamps that are in the tents and pavilions. Next day, the ninth of *August*, the Caravan of the *Magrebins* parted also from the *Birque*, and there all of *Barbary*, who intend to make the journey, meet, and make a distinct Caravan ; which depends not on the *Emir-Adge* of *Cairo*, but have a chief of their own. That Caravan never sets out, but a day after the Caravan of *Cairo* ; they travel commonly by night, and rest in the day time, as all other Caravans do, that go to other places, that so they may avoid the heat, which is almost insupportable ; and when the moon does not shine, there are men who carry links before the Caravan. In all Caravans, the camels are ty'd tail to tail, so that let them but go, and there is no trouble of leading them.

Here I will give the reader an account, how many stages there are betwixt *Cairo* and *Mecca*, how many days they stay in them, how many hours travelling there is betwixt them, and at what stages the waters are sweet or bitter, all along the way. This little

itinerary I had from a Prince of Tunis, who made that journey whilst I was at Cairo. From Cairo to the *Birque* it is reckon'd four hours journey ; there is fresh water there. From the *Birque* to *Misana*, that is to say *Cistern*, ten hours ; no water there. From *Misana* to *Kalaat Aadgeroud*, which is to say, the *Castle of Sand-pits*, twelve hours and an half ; there is bitter water there. From the *Castle of Aadgeroud* to *Navatir*, seven hours and an half ; no water there. From *Navatir* to *Rastagara*, ten hours ; no water there, and the way bad. From *Rastagara* to *Kalaat el Nahhal*, that is to say, the *Castel of Palmes*, fifteen hours ; there they stay a day, and have fresh water. From the *Castle of Nahhal* to *Abiar Alaina*, fourteen hours ; only bitter water there. From *Abiar Alaina* to *Saib el Acaba*, that is to say, the *Plain of the Hill*, fifteen hours ; no water there. From *Saib el Acaba* to *Kalaat el Acaba*, that is to say, the *Castle of the Hill*, (that is upon the fide of the Red Sea) sixteen hours, there they stay two days and an half, the way is very bad, but they have fresh water. From the *Castle el Akabe* to *Dar el Hhamar*, six hours and an half ; no water there, (*Dar el Hhamar* signifies *Asses Back*, and it is like the mountain in *Italy*, where there is an inn call'd *Scarga Pafino*.) From *Dar el Hhamar* to *Scharafe Benigateie*, fourteen hours ; no water there. From *Scharafe Benigateie* to *Magare Chouaib*, that is to say, the *Grott of Jethro*, fourteen hours ; fresh water there ; that is the country of the *Midionites*. From *Magare Chouaib* to *Eyoun el Kaseb*, fourteen hours and an half ; fresh water there. It was in that place where *Jethro's* daughters going to water their cattel, and the shepherds offering to hinder them, *Moses* protected and defended them against those who would have hindred them to draw water. From *Eyoun el Kaseb* to *Kalaat el Moilah*, which is by the sea side, fifteen hours ; there they rest two days and an half, and have fresh water. From *Kalaat el Moilah* to *Castel*, eleven hours ; bitter water there. From *Castel* to *Kalaat Ezlem*, fifteen hours and an half ; bitter water there. From *Kalaat Ezlem* to *Istanbul*

*bel antir*, fourteen hours ; fresh water there. From *Istanbel antir* to *Kalaat el Vouge*, that is to say, the *Castle of the Face*, thirteen hours and an half ; fresh water there. From *Kalaat el Vouge* to *Ekre*, sixteen hours ; no water there but what is bitter. From *Ekre* to *Hank Krue*, that is to say, *Gulph*, twelve hours and an half ; no water there. From *Hank Krue* (going to *Hhawre*, they enter into the territory of *Mecca*) to *Hhawre*, it is thirteen hours ; only bitter water there. From *Hhawre* to *Nabte*, fifteen hours ; fresh water there. From thence come the *Nabathean Arabs, Eurus ad auroram Nabatheaque regna recessit*. From *Nabte* to *Hazire*, thirteen hours and an half ; no water there. From *Hazire* to *Yanboub*, that is to say *Fountain*, fourteen hours and an half ; there they stay two days and an half, and have fresh water. From *Yanboub* to *Soucaif*, thirteen hours ; no water there. From *Soucaif* to *Bedar Hunein*, that is to say, the moon of *Hunein*, eight hours ; fresh water there. *Hunein* was a man that shew'd the moon in his well. From *Beder Hunein* to *Sabil el Mouhfin*, that is to say, the way of *Benefaction*, or *Benefit*, fourteen hours ; fresh water there. *Rabii* is a sacred place, that is to say, not to be entered into, without being well prepared and purged from all sin. Hence it is that there are two places which are call'd *Haramein*, *Sacred Places*, to wit, *Mecca* and *Medina*, that is to say, which are two holy places, where one should take heed not to set his foot, unless he be well wash'd from all sin. From *Rabii* to *Kawdire*, fifteen hours, no water there. From *Kawdire* to *Bir el fan*, fourteen hours, fresh water there. From *Bir el fan* to *Vadi fatima*, fourteen hours, fresh water there. From *Vadi fatima* to *Mecca* six hours,

*Of the Aga sent to meet the Caravan upon  
their return.*

**A**BOUT six weeks after the setting out of the Caravan of *Cairo*, when they know that it is ready to return from *Mecca*, an *Aga* goes from *Cairo* to guard the fresh provisions that the people of the country send to their friends and relations in the Caravan, every one sending according to their abilities and friendship, all which are well sealed up, and delivered to those they belong unto. For this effect the *Aga* has many camels with him, and gets considerably by the Caravan, which he meets half way. This year it returned on Tuesday the thirteenth of *November*, and encamped at the *Birque*, where the Caravan of the *Magrebins* arrived the day before. Several come to *Cairo* the same day, and their friends go as far as the *Birque* to welcome them; whereupon meeting, they kiss again and again five or six times, and all who know them salute and kiss them in the same manner; and indeed, for some days after there is nothing to be seen in the city, but people kissing one another, or lamenting their relations who dy'd in the journey, men, women and children, who howl and make fearful gestures, when they hear the news from the first of the Caravan whom they meet. These Pilgrims are forty five days in going, and as much in coming back to *Cairo*, besides some days they stay there; but they make but easy journeys, it being impossible that so great a body should march fast, for they must often stop to load the camels whose loads have fallen off, to unload those that fall or die, or to bury their dead, and a thousand such other accidents; and when one camel stops, all the rest must wait. They travel commonly, as I said, in the night time with *lamps*, that they may avoid the heat. In this journey they find but little water, and that exceeding bad too;

as for fresh provisions, they find none, and eat only what they carry along with them ; but the worst thing they meet with in the journey, are certain hot winds, which stifle the breath, and in a short time kill a great many people. The Prince of Tunis told me, that in one day several hundreds died of that wind, and that he himself was much afraid, that he should have been one of the number. In fine, in this expedition there died six thousand, what of fatigue, thirst, and these hot winds. In that journey people are to be seen riding on camels, and singing verses of the *Koran*, who suddenly fall down dead. Those who return with life are so altered and extenuated, that they can hardly be known ; and nevertheless vast numbers of people from all parts yearly perform that pilgrimage, and there passes not a year wherein women and little children do not make it. They who have performed that journey are call'd *Adgi*, that is to say, Pilgrims, meaning tho' only the pilgrimage of the *Kiaabe*, and they are much respected by all as long as they live, and highly credited. The *Emir-Adge* gains much by this journey, for the goods of all that die belong to him, besides a vast deal of other profits that he makes on several occasions ; and it is thought, that every expedition he gets above an hundred thousand piasters, but this year he got above three hundred thousand, for many people died. The greatest prerogative of this office is, that during the whole expedition he is absolute master of the field, and administers justice as he thinks fit.

Having in my hands an exact description of *Mecca*, and considering that few or no travellers have spoken of it with any certainty, I thought it would not be amiss to add it, and make a particular chapter thereof.

*Of Mecca and Medina.*

**M**ECCA is thirty seven days journey from Cairo, and all over desarts ; it is a days journey from the Red sea ; the port of it is call'd *Gidde*, which is a little town, wherein are two castles on the two sides of the port, one on each side, and the *Turks* say that *Eve* lies bury'd there ; they shew her sepulchre, which is in length thirty eight or forty steps of a man's walk, and hath no other ornament but a stome at each end.

*Mecca* is about the bigness of *Marseilles*, in the middle whereof is the *Kiaabe* or *Beytullah*, that is to say, the *House of God*, which the *Turks* say, was first built by the Patriarch *Abraham*. This house is about fifteen foot in length, eleven or twelve in breadth, and about five fathom high. The threshold of the door is as high from the ground as a man can reach his hand, being within filled up even with the threshold. The door is about a fathom and an half high, and a fathom wide, and is in the corner to the left hand, when one faces the house. This door is of beaten silver, and opens with two leaves ; they go up to it by a ladder supported by four wheels, two whereof are fastened to the lower end of the ladder, and the other two to two wooden posts about the middle of it, by means of which wheels the ladder is run to the wall, when any body is to enter into the *Beytullah*.

This house has a flat roof, supported by three pillars of an octagon figure, which are of Aloës-wood, as big as the body of a man, and about three fathom and a half long ; they are of one entire piece each, and yet run in a straight line the length of the building, which is hung with red and white stuff, having here and there these words upon them, *La Illab Hllallab, Mouhammed Resoul allah.*

At the same corner where the door is (but on the other side by the wall) is the black stone, which they call

call *Hadjiar Asuad*, and is had in veneration by them, because (as they say) *Abraham* stood upon it when he built that house, and that it served him for a scaffold, to the end he might make no hole in the wall, it rising higher or lower as he pleased, and being for that purpose brought him by the angel *Gabriel*.

There is a court about this house, which the *Turks* call *Haram*, and it is encompassed with walls, with three rows of pillars, and arches on the inside of it. The four sects of *Mahometanism* have their places of prayer in this court, which are the *Hanifi*, *Chafii*, *Maliki*, and *Hambeli*, each in one of the four parts of the court, with their faces turned always towards the *Beytullah*, or *House of God*.

This house is begirt with two belts of gold, one below, and the other on high. On one side of the terras that covers the *Beytullah* there is a spout of beaten gold, about a fathom long, that jets out, to carry off the rain-water that falls upon the terras.

The same house is covered on the outside with hangings of black silk, which is a kind of damask, and every year there are new ones sent from *Cairo*, at the charge of the Grand Signior.

Ten days journey from *Mecca*, upon the road to *Damascus*, is the city of *Medina*, three days journey from the Red Sea; the port of it is call'd *Imbo*, which is a little town of the same shape and bigness as *Gidde*.

*Medina* is about half as big as *Mecca*, but it hath a suburb as big as the town itself; much about the middle of that town there is a Mosque, in a corner whereof is the sepulchre of *Mahomet*, covered in the same manner as the monuments of the *Turkish* Emperors are at *Constantinople*. The sepulchre is in a little tower, or round building, covered with a dome, which the *Turks* call *Turbe*. This building is quite open, from the middle up to the dome, and all round it there is a little gallery, of which the out-side wall has several windows with silver grates to them, and the in-side wall, which is that of the little tower, is adorned with a great number of precious stones, and that place which answers to the head of the tomb. There are rich things there also, of an inestimable value, sent by the *Mahometan* Kings, during so many ages

ages, which are fasten'd within this gallery, all round the said turret. Among others, at the place which answers to the head of the tomb, there is a great diamond, half as long as ones fore finger, and two fingers broad, over which is the diamond which Sultan *Osman*, the son of Sultan *Ashmet*, sent thither, and is equal to that which the *Ottoman* Emperors wear on their finger. These two diamonds were heretofore but one, which Sultan *Osman* caused to be saw'd in two in the middle. Lower down there is a half moon of gold, set with diamonds of great worth.

The Pilgrims see not *Mahomet's* tomb, because that turret wherein it is enclosed hath no windows, being only open above, as hath been said; but such as make any stay at *Medina* have liberty and leisure to enter into the *Turbe*, and see it, when there is no clutter of strangers there, that is to say, three or four months after the departure of the Pilgrims, who see no more but the aforesaid gallery, and the riches that are within it, thro' the silver grates of the windows, which we mention'd before. Those then who enter into the *Turbe*, see that the tomb hangs not in the air, as many have falsly written, and (which is more) never did hang so, but is upon the flat ground raised and cover'd like the tombs of *Turkish* Emperors and Bashaws.

The *Turbe* is hung all round with hangings of red and white silk, like damask, which cover all the wall, except at the place where the great diamonds are, for there they are tuck'd aside, that the diamonds may not be cover'd. Round all these hangings are the aforesay'd words in characters of gold, *La Illah Illallah, Mouhammed Resoul allah*. These hangings are renew'd every seven years by the *Ottoman* Emperors, unless when a new Emperor succeeds, before the seven years be accomplish'd; for in that case the Emperor renews them so soon as he comes to the throne.

The door by which they enter into the gallery is of silver, and so is the other that goes out of the gallery into the *Turbe*.

When the Pilgrims (to the number of two hundred thousand souls) are come to *Mecca* at the usual time, which is a short while before the little *Bairam*, and that

that it is the day before the vigil of the said *Bairam*, they go and lie at a place call'd *Myne*, half a league from *Mecca*, and next day being the vigil of *Bairam*, they go half a league farther off, to another place call'd *Arafa*, which is a great plain, in the middle whereof there is a rock, or rising hillock, and on the top of it a *Member*, or place for preaching in, into which steps a *Scheikh*, who preaches to all the people about in the plain.

The Pilgrims being return'd to *Mecca*, divide themselves in several Caravans, because of the different countries they come from, and are to go back to them again. The Caravan that met at *Damascus*, upon their return pass by *Medina*, and visit *Mahomet's* tomb, seeing it is upon their road. Of the rest, those who are prompted by devotion go thither, but a great part return back to their several countries, without turning out of their way to visit the said sepulchre, their law not obliging them to that, as it does to visit the other places above mention'd; so that they are grossly mistaken, who have affirm'd, that the pilgrimage of the *Turks* is to the sepulchre of *Mahomet*, who oblig'd them to it. For that false Prophet told his followers, when he drew near his death, that if any one returning from *Mecca*, had the curiosity to come and see his sepulchre, he should say a *Fatha* for his soul (which is a prayer taken out of the *Koran*, resembling in some manner our *Pater Noster*) and be gone. *Mecca* is the place of *Mahomet's* birth, *Medina* of his burial.

*An Extract of a Journey thro' part of Arabia Felix,  
from the copy in Ramusio's collection.*

WE travell'd in most places of *Arabia* by the help of a compass, and were forty days and forty nights in going between *Damascus* and *Mecca*; port *Ziden* is forty miles distant from *Mecca*, from whence it receives the greatest part of it's provisions by the Red Sea, from *Egypt*, *Aethiopia*, and *Arabia Felix*, the numbers of Pilgrims and camels being incredible, and fresh water very scarce, and as dear as wine in *Europe*.

I stole

I stole away secretly from *Mecca* in the disguise of a *Mammaluck*, to *Ziden*, in order to pass round *Arabia* by sea into *Perse*. *Ziden* contains about 500 houses; there lay at anchor almost 100 brigantines and foysts, with divers barks of sundry sorts, both with and without oars. After six days sailing we came to *Gezan*, a fair commodious port full of vessels; the soil is very fruitful and delicious, abounding with many rare fruits and flowers; the inhabitants for the most part go naked. Leaving *Gezan*, in the space of five or six days, we reach'd an island named *Camaran*, ten miles in circuit; in it is a town of 200 houses, the inhabitants are *Mahometans*; it hath great store of flesh and fresh water; the haven is eight miles from the continent, and is subject to the Sultan of *Arabia Felix*. In two days sailing we came to the mouth of the Red Sea.

The day after our arrival at *Aden*, I being suspected for a *Portuguese* spy, was cast into heavy chains, and thrown into Prison: After fifty five days Imprisonment, I was set upon a camel with my shackles, and in eight days journey came to *Rbada*, a city where the Sultan then lay with 30000 men, to make war against the Sultan of *Sana* three days distant from *Rbada*. The Sultan's guard were *Aethiopians*, with short broad swords, painted targets and darts, slings and ropes made of cotton. Having obtained my liberty, I pass'd through *Almacaran* and *Laghi*, to *Aden*, where I embark'd for *Perse*.

In this journey I observed many monkeys, lyons, sheep with prodigious great tails; variety of spices, sugars, and a sort of grape without stones, very delicious; many strange gum-trees, as the Balsam, the Myrrhe, Frankincense, Coffee, Cocoes, &c.



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Some observations made by Sir Henry Middleton and other Englishmen, in Arabia Felix, when they were most treacherously seized, and led prisoners from Moha and Aden up to Zenan. Also Captain Payton's and Captain Heyn's observations in some parts of Arabia Felix.

WE were fifteen days in going from *Moha* to *Zenan*, which is about 180 miles distant N. N. W. it lies in 16 degrees and 15 min. Lat. We were carried about our Christmass - time, and were almost starved with cold, there being hoary frosts and ice at *Zenqn*; some of our men got furrs, this was wonderful in such a latitude; we fed much upon *Dates* and *Plantanes*.

*Zenan* appeared to me bigger than *Bristol*, it's situation is in a stony valley, encompas'd with high hills, with many gardens and places of pleasure. The buildings are of good stone and lime.

February the seventeenth, we obtain'd our liberty, and began on the eighteenth our journey from *Zenan* to *Moha*; that night we came to *Siam*, 16 miles, some on asses, others on camels; on the nineteenth to *Surage*, 18 miles; on the twentieth to the city *Damare*, in a plentiful country 20 miles from *Surage*; on the twenty first we arrived at *Ermin*, 15 miles, here we staid the twenty second; on the twenty third we came to *Nagual Samare*; the twenty fourth to *Mobader*, 13 miles from *Nackelsamar*; on the twenty fifth to *Rabattamain*, 16 miles from *Mobader*; here they make opium of a poppy, but it is not good. The twenty sixth we came to *Couge*, call'd *Meifadine*, 16 miles from *Rabattamain*. On the twenty seventh we were at *Tayes*, half as large as *Zenan*, here they make *Indigo* out of an herb. March the first, we travell'd from *Tayes* to *Eufras*, 16 miles distant; the second to *Affambine* 11 miles; on the third to *Accomoth*; on the fourth to *Mousa*, 17 miles; here we observed them steeping the *Indigo* plant; on the fifth we got to *Moha*.

*Moha*

*Moba* is less than *Tayes*, but very populous, it stands close by the sea in a salt and sandy soil, unwall'd; yet it hath platforms and forts; abundance of shipping resort thither from *India*, and great Caravans by land from *Syria* and *Mecca*, to trade and exchange commodities.

*Aden* is the greatest port of *Arabia Felix*, it is situated at the foot of vast high mountains, which rise up with pikes, and run with great promontories into the sea; these hills were call'd *Cabubarre*, according to the journal of Don John of *Castro* the Portuguese. Captain *Dunton*, of Sir *Henry Middleton*'s fleet, observed *Aden* to lie in  $12^{\circ} 35'$  of N. Lat. The variation westerly was  $12^{\circ} 40'$ . It flows upright between 6 and 7 foot water on the change day. The canoes came about the English ships with *Indigo*, *Olibanum*, and *Myrrhe*, but none trade with them by reason of their treachery. *Aden* has been a great city of above 6000 houses, but Captain *Dunton* found the buildings much decay'd, and many of them sunk. Captain *Sharpeigh* was the first Englishman that ever landed at *Aden*; he had been there 16 months before, in the year 1610.

The afore-mention'd parts of *Arabia Felix* were at that time under the subjection of the *Turks*, who had got possession of them from the *Arabians*, by tricks and treachery, whom they kept in awe by many castles built on hills and passes, and by the many captives they always kept as pledges. Sir *Henry Middleton* observed many of the mountainous parts to be under the dominion of the *Arabians*, who are very populous in all the places where he passed, and are at frequent wars with the insolent *Turks*, who pretended secret orders from the Grand Signior, to destroy all Christians that came ashore, lest they should go up to *Mecca* and *Medina*, to ranfack and burn them.

Capt. *Walter Payton*, in the year 1613, found great hospitality and ingenuity in some parts of *Arabia Felix*, nearer the *Persian* gulph, especially at *Doffar*, a very good road for ships, and a fair city, where the *Arabians* presented his crew with bullocks, sheep, hens, goats, sugar-canapes, plantanes and cocoas. This *Cape* stands in  $16^{\circ} 38'$  of N. Lat. and is free from the *Turkish* yoke.

Capt. *Edward Heyns* anchored before *Moba* or *Mocha*, in *Arabia Felix*, An. Dom. 1618, the governor sent him,

as

as presents, a young bullock, two goats, mangoes, limes, cucumbers, water-melons, quinces, rack made of rice, &c. He went freely ashore, and found it a very neat, populous and flourishing town, built of brick and stone, curiously plaster'd over like *Paris*, two stories high with flat roofs and terrasses on the top, whereon they build summer-houses with canes and matts, wherein they sleep and receive the fresh breezes in the great heats. They excus'd the cruelty to Sir *H. Middleton*, laying it on the cruel governor at that time.

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*Of the ways and roads between Egypt and Ethiopia.*

**I**N the month of *October* an embassador of *Ethiopia* came to *Cairo*, with several presents for the Grand Signior, and among others an afs that had a most delicate skin, if it was natural, for I will not vouch for that, since I did not examine it. This afs had a black list down the back, and the rest of it's body was all begirt with white and tawny streaks, a finger broad a piece; the head of it was extraordinary long, striped and partly colour'd as the rest of the body; it's ears like a buffle's, were very wide at the end, and black, yellow, and white; it's legs streaked just like the body, not long ways, but round the leg, in fashion of a garter, down to the foot, and all in so good proportion and simetry, that no lynx could be more exactly spotted, nor any skin of a tyger so pretty, this may be the *Zembra*. The embassador had two more such asses, which dy'd by the way, but he brought their skin with him, to be presented to the Grand Signior, with the live one. He had also several little black slaves of *Nubia*, and other countries, confining on *Ethiopia*, *Civet*, and other costly things for his present. These little blacks serve to look after the women in the Seraglio, after that they are gelded. The embassador was an old man, and had the end of his nose, part of the upper and under lip cut off, but was otherwife a shapely man, and of a very good presence; he was cloathed after the *Coptish* fashion, wearing a turban like them, and

and spoke very good *Italian*, which gave me the opportunity of conversing with him ; he told me his name was *Michael*, that he was a native of *Tripoli* in *Syria*, and that he had made three or four voyages into Christendom ; that eighteen months before he had parted from *Gontar*, the capital city of *Ethiopia*, and was so long retarded by the way, because of the contrary winds he met with on the Red Sea, by which he came : That of an hundred persons whom he had brought along with him, of his own servants, and the slaves he was to present to the Grand Signior, thirty or forty were dead. If he had come by land, he had not been so long by the way ; for from *Gontar* to *Schouaquin* it is about six weeks journey, and from *Schouaquin* to *Cairo* forty or fifty days by camels ; but he could not take that way because of his train. He told me many things relating to the kingdom of *Ethiopia*, which I shall here give the reader an account of.

But first, of the ways of passing out of *Egypt* into *Ethiopia*. The Merchants setting out from *Grand Cairo*, are carry'd up the *Nile* against the stream, as far as *Monfallow*, and thence travelling in Caravans, first come to *Siint*, and so in order to the following towns : *Wack* three days journey ; *Meks* two days ; *Scheb* three ; *Sellim* three ; *Moschu* five ; *Dungala* five, accounted to be the Metropolis of *Nubia*, then they come into the kingdom of *Sennar* ; from *Dungala* they travel to *Kshabi*, three days journey ; *Korti* three more ; *Trere* three ; *Gerry* one ; *Helfage* one ; *Arbatg* three ; *Sennar* four ; from *Sennar* in fourteen days they arrive at the confines of *Habessinia*, the entrance is call'd *Tshelga*. The passage by sea is various, for the Merchants embark in several ports on the Red Sea, as *Sueffo*, *Gidda*, *Alcoffir*, and so coast it to *Suaquena* and *Matzua*. The safest way of travelling into the kingdom of *Prester John*, is with some metropolitan or ambassador. Some land at *Baylar*, a port belonging to the King of *Dengala*, in amity with the *Habessins*, but the journey thence by land is tedious, and infested by the *Gallons*. 'Tis but three months travel by land from *Grand Cairo* to *Gontar*, the chief city of *Ethiopia*.

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*Of Ethiopia : By Michael of Tripoly, Ambassador from the Habessine Emperor to the Grand Signor.*

**E**THIOPIA, or the country of the *Abyffins*, called in *Arabic Abesch*, from whence comes the word *Abyffin*, is a great empire, being above seven months travel in circuit : On the east side it is bordered by the Red Sea, and *Zanguebar*, on the south with *Zeila*, *Avousa*, *Naria*, &c. On the west by the country of the *Negroes* and *Nubia*, and on the north, with the country of *Nubia* and *Bugia*, because to come from *Ethiopia* into *Egypt*, one must cross *Nubia* down the *Nile*. About an hundred years ago, *Greyu Mahomet*, King of *Zeila*, of which the inhabitants are all *Moors*, invaded *Ethiopia*, and forced the King to save himself on a mountain, from whence he sent to demand assistance of the King of *Portugal*, who immediately sent it him, but hardly was he who commanded these auxiliaries enter'd the country, when he resolved to return back again, finding that they eat raw flesh there : However, his brother *Don Christopher* had more courage, and would not return without doing some exploit : He marched up into the country with about three hundred musqueteers, fought, vanquished, and killed the *Moorish* King, and then re-established the lawful King of *Ethiopia* : For reward of which service, the King of *Ethiopia* gave lands and estates to all the *Portuguese* that staid within his dominions, and their offspring are still in that country. The father of this present King was a Catholic, but he dying about thirty odd years ago, the Queen his wife, who was a great enemy to the *Jesuits*, and no Catholic, and who suffered impatiently, that they should govern, as they pleased, the late King her husband, wrought upon her son that succeeded him, to persecute all the *Roman Catholics*, in such a manner, that the *Jesuits* were obliged to make their escape, and he put to death all

the Capuchins whom he found. Since that time, three Capuchins more were put to death at *Schouaken*; for the King of *Ethiopia* knowing that they had a mind to come into his kingdom, sent to the Governor of *Schouaken* praying him to put to death those three religious *Franks*. The Governor of *Schouaken*, caused their heads to be immediatey struck off, and sent them to the King of *Ethiopia*, who, as a reward, made him a present of three bags of gold dust, promising him as many bags of gold dust, as he should send him heads of *Franks*. And fifteen or sixteen years since, two others have been put to death in the province of *Oinadaga*, whose names were Father *Fioravanti*, and Father *Francesco*. In short, this King is a declared enemy to all *Franks*, whom he accuses of being heretics, and of having conspired to put the crown upon the head of one of his enemies: So that a *Frank* who would go into that country, must pass for an *Armenian* or *Copte*, for the King and his people are of the *Coptic* Religion. They believe but one nature in *Jesus Christ*. At the end of eight days they circumcise as the *Jews* do, and baptize a fortnight after. Before the *Jesuits* went thither, they baptized none before they were thirty or forty years of age. They say mass at the *Coptes* do, but their church books are in the *Ethiopic* language. Their Patriarch depends on the Patriarch of *Alexandria*, and when the Patriarch of the *Abyssines* dies, they send deputies to *Alexandria*, to entreat the Patriarch to send them another, and he convocating his Clergy, chuses out the fittest among them, whom he sends, but is never any more heard of in *Egypt*, till he be dead.

There are four Kings that pay tribute to the King of *Ethiopia*, to wit, the King of *Sennar*, who pays his tribute in horses. *Sennar* is a very hot country. The King of *Naria*, who pays his tribute in gold. The King of *Bugia*, and King of *Dangala*. *Naria* is a good country, and in that country are the mines out of which they have the gold that passes on the coasts of *Soffala* and *Guiney*. These mines are not deep, as in many other countries. From that country also comes the civet. I think it will not be amiss here to say

say somewhat of Civets, which so rare in our country, as that they deserve to be taken notice of where one can find them. They are called Civet Cats, come from *Nariá*, (as I just now said) and are taken in snares. The *Jews* in *Cairo* keep many of them in their houses, where for buying a few drachms of civet one may see them. It is a beast almost as big as a good Dog : It hath a sharp snout, small eyes, little ears, and mustachios like a Cat : The skin of it is all spotted black and white, with some yellowish specks, and hath a long bushy tail, almost like a Fox. It is a very wild creature, and I believe the bite of it would put a body to no small pain. The *Jews* keep them in great square wooden cages, where they feed them with raw mutton and beef, cut into small pieces. When they would get from them that which is called civet; and is the sweat of this beast that smells so sweet, they make him go back with a stick, which they thrust in betwixt the bars of the cage, and catch hold of his tail ; when they have that fast, they take hold also of his two hind legs, pulling him half out of the cage by the door, which falls down upon his back, and keeps him fast there, then another opens a certain cod of flesh that these beasts have, which is shaped like a split gyerne, and with an iron spatula scrapes all the sweat off it within. The males have that piece of flesh betwixt their stones and yard, which is like a Cat's. The females have it betwixt their fundament and privities, and it is emptied of the sweat but twice a week, each beast yielding about a drachm at a time, by what I could discern. When that sweat, or exrement is taken out, it is of whitish grey, but by little and little, in some short space, it turns to a very brown colour. It smells very sweat at a distance, but near hand it stinks and causes a head-ach. There are as many kinds of civet sweat, as there are of Civet Cats, for it is more whitish, greyish, or yellowish, and drier in some than in others, and yet they mingle all together. After all, it is in vain to think to have pure-civet, for the *Jews* falsify it ; and if a man imagine it to be pure, because he has seen it taken from the beast, he is mistaken, for before people come to their houses, they rub the inside of that piece of flesh, with

a little oil, or some such stuff, that so the sweat and it together may make more weight, but when nobody is present, they take it out pure, and mingle it afterwards. To find out the truth of this, I went one day to the house of a *Jew* that kept Civet Cats, without giving him notice before, (for because I had bought a little of him, and promised to come again another time, he asked me as often as he saw me, what day I would come) and having desired him to get me some fresh civet, he told me, that it was not the day he used to take it out; and having returned without acquainting him before, upon one of the days when he said he was accustomed to gather it, he refused then also to do it, pretending business, which confirmed all that had been told me of that matter. In the mean time they hold these beasts very dear; for having asked that *Jew*, and others also, how much they would have of me for a Civet Cat, they all told me, an hundred chequins. *Dangala* is the capital city of *Nubia*, the King of *Dangala* is King of the *Barberins*, who are a kind of blacks, of the Musulman religion, that came in crowds to *Cairo*, to get services; they are somewhat silly, but very faithful, and serve for a small matter, for two maidins a day, or a maidin and their diet: You may make them do whatsoever you please. They wear a blew shirt, plaz all their hair in tresses, and then rub it over with a certain oil, to keep their head from being lousy. At *Cairo*, when thay have any falling out, they go before the *Scheiks* of their own nation, who make them friends, and if they think it convenient, adjudge them to pay a fine, with which they feast and make merry together. They are great lovers of Crocodiles flesh; and when any *Frank* has got one for the skin, they come and beg the flesh, which they dress with a pretty good sauce. When these blades have scraped together ten or twelve piafres, they return home again wealthy to their own country, provided they escape being robbed by the *Arabs* upon the way, who many times serve them so, therefore they commonly return in companies, as they came. The King of *Dangala* pays his tribute to the King of *Ethiopia* in cloth. The provinces of *Ethiopia* are *Gonyan*, (where the King keeps a Viceroy)

Beg-

*Beghandir, Dambia, Amara* (which is a great province, full of mountains and good castles) *Damoud Tegre*, and *Barnegas*. Besides, there are several provinces governed by Princes, who are vassals to the King of *Ethiopia*. In short, the kingdom of *Ethiopia* comprehends twenty-four *Tambours*, or Vice-roys. The capital city is called *Gonthar*, and is in the province of *Dambia*. *Ethiopia* (as the Ambassador told me) is as cold as *Aleppo* or *Damascus*, only the countries near the Red Sea, and the country of *Sennar* are hot. The King of *Ethiopia* has above an hundred wives, and keeps no Eunuchs to look after them, because they look upon it as a sin to geld a man; so that the women have the same liberty there as in *Christendom*. He is a King of very easy access, and the poorest have the freedom to come and speak to him when they please. He keeps all his children on a mountain, called *Oubbni*, in the province of *Oinadaga*, which is a mountain two days journey distant from *Gonthar*; there is a place like a cistern on the top of the mountain, into which they are let down every night, and taken up again in the day-time, and suffered to play and walk about. When the King dies, they chuse out one of the wittiest of them, and make him King, without any regard to birthright; and when he comes to have children, he sends his brothers prisoners to some other place, and places his children at *Oubbni*. The place where the Kings are buried, is called *Ayesus*, and is a kind of grott, where the aged are laid in one side, and the young in the other. Heretofore there was a church there of the same name, in time of the Jesuits; and in the same place there is a library. The Ambassador assured me, that he had been in that library, and I fancy it is the old library of the ancient *Ethiopians*. *Ethiopia* is a good and fertile country, producing wheat, barley, &c. The greatest desarts of it are not above three or four days journey over; and nevertheless, when the King makes any progress, he lodges in tents. The houses of the great lords are like those of *Cairo*, that is to say, very mean, in respect of the houses of *Europe*, and the rest are only of mud. The country affords men of all trades, except watch-makers. They have no camels there, but mules,

asses, oxen, and horses. All the people of this country eat raw flesh, except the King, who has it dress'd, and drinks wine of grapes; the rest drink only wine made of millet, or farasim wheat, but as strong as ours, and brandy made of the same grain. They are cloathed after the fashion of the *Franks*, and wear cloth, velvet, and other stuffs imported to them by the Red Sea. They have harquebusses from the *Turks*, and of those people there are not above three or four hundred who serve in the wars with harquebusses. In trading, they make no use of coined money, as the *Europeans* do, but their money are pieces of fifteen or twenty *Pics* of cloth, gold, which they give by weight, and a kind of salt, which they reduce into little square pieces like pieces of soap, and these pass for money. They cut out that salt upon the side of the Red Sea, five or six days journeys from *Dangala*, as you go from *Cairo*, and the places where they make it are called *Arbo*. Among them is the nation of the *Gauls*, whom in *Ethiopia* they call *Chava*, and are a vagabond people in *Ethiopia*, as the *Arabs* are in *Egypt*. These *Gauls* are rich in cattle, and are always at wars with the *Ethiopians*. They have no harquebusses, nor other fire arms, but make use of lances and targets. After all, they speak so many different languages in *Ethiopia*, that the Embassador said to me, *If God hath made seventy-two languages, they are all spoken in Ethiopia*. I asked his Excellency if he knew any thing of the source of the *Nile*, and this he told me concerning it: The head of *Nile* is a well that springs out of the ground in a large plain, where many trees grow; this fountain is called *Ouenbromma*, and is in a province called *Ago*. It makes that a very delightful place, casting up water very high in several places: And this Embassador of *Ethiopia* assured me, that he had been above twelve times with the King of *Ethiopia* to spend several days about that fountain, which is twelve days journey from *Gonbar*.

*More Observations of Ethiopia, by Father Lobo,  
Father Alvarez, Father Tellez, and others ; ex-  
tracted from their Portuguese voyages.*

THE rains begin to fall in *June*, and continue *July, August*, and part of *September*, which make the *Nile* swell and overflow in those months. Father *Tellez* says, the mountains of *Habessinia* are much higher than our *Alps* and *Pyrenean* hills ; these render the country more temperate and healthful, and make that torrid climate tolerable to the *European* bodies : There is plenty of good springs and herbage. In the midst of the plains there rise up many steep rocks of wonderful figures and shapes, on the tops whereof are woods, meadows, fountains, fish-ponds, and other conveniences of life : The natives get up to them by ropes, and crane up their cattle : These are like so many fortresses, which defend the natives against the sudden incursions of barbarous nations on all sides.

This kingdom abounds with metals, but they neglect to work them, lest *Turkish* or other invasions should follow, if such baits were discovered. Their winter is from *May* to *September*, the sun then passing and repassing perpendicular over their heads. During this season, once every day it rains torrents, and thunders most violently, which are accompanied sometimes with sudden and furious hurricanes.

The Jesuits residing in the province of *Zambea*, observ'd both the poles, the antarctic higher with his cross stars : In this tract of heaven, there is, as it were, a cloud, or blot full of little stars, as our *Via Lactea*.

The animals of this vast kingdom are, the *Hippopotamus*, or river-horse, which makes great devastation in their plantations, *Crocodiles*, *Rhinoceros*, *Elephants*,

Lyons, Tygers, Panthers, *Camelopardalus*, Gazels, *Zembra's*, Civet Cats; great varieties of Monkeys, Apes, and Baboons; Ostriches, *Cassowars*, Turtles, Locusts in prodigious numbers. The ordinary trees are, the Date, Coco, Tamarind, *Cassia*, Oranges, *Musa*, or Plantane, Cotton trees, with many others peculiar to the climate and region.

In one year they will have three several crops of rice, millet, tef-seed, (their common food, ten times less than mustard seed) of wheat, and other European grain, yet the locusts often devour all, and bring on famines.

They make a drink of honey, burnt rice, water, and a wood call'd *Sardo*. They have no mills, but grind all their grain with the hand.

Great caravans pass up and down the country, to and from the sea ports, with merchandise. In many places the towns and villages are extremely thick, and very populous.

Snow sometimes lies on the high mountains of *Ethiopia*, especially those called *Seman* and *Sallent*, or the Jews hills. This part of *Afric* called *Habessinia*, is much the highest of that quarter of the world, the great rivers running east, north, and west, as *Hawas*, *Hanazo*, the *Nile*, *Niger* or *Gambia*, the *Zaire*, &c. taking their rise in it.

*Ludolfus* in his late learned Commentaries on his *Ethiopic History*, figures several animals proper to these African regions; as, 1. *Tygris orbiculis minutis variegata*. 2. *Tigris maculis virgatis*. 3. *Pardus maculis seu scutulis varius*.

The *Habessine* ports towards the Red Sea are very ill guarded, therefore the *Turks* are in possession of *Arkiko* and *Matzua*. The *Habessines* are not addicted to navigation, they trade only with the *Arabians*, and carry their goods to *Suaquena*, *Arkiko*, and *Matzua*: The *Arminians* often get entrance into the country, where they are very well received.

The *Arabians* come in their barks cross the Red Sea, from *Mocba*, *Aden*, *Ziden*, *Cameron*, and other ports. Few of the *Habessines* pass over into *Arabia*, and when they do, they dissemble their religion, and disguise themselves in the habits of *Musulmans*. This comes from

*Hubert*

*Hubert Klock, in his letters to the Dutch East India Company. Anno 1685.*

Father Hyeronymo *Lobo* observ'd the Red Sea to be navigable only in the middle, in which are some small islands and rocks above water, of little danger in clear weather : The two shoars of *Arabia* and *Ethiopia* are of very bad passage, full of shoals, rocks, and corals. The entrance of this sea is the clearest and deepest on the side of *Arabia*, and is the ordinary passage for ships of burthen, the other part of the mouth towards *Ethiopia*, is full of flats and shoals, so that none ventures through but little vessels : The pearl-fishing is near the island of *Daleca*. On several parts of this sea we observed abundance of reddish spots made by a weed resembling *Carrago* (or *Sargosso*) rooted in the bottom, and floating in some places. Upon strict examination it proved to be that which we found the *Ethiopians* call *Sufo*, us'd up and down for dying their stuffs and cloths of a red colour, (perhaps this may be one of the *Roccella's* in *Imperati, a fucus or Alga tinctoria.*)

*F I N I S.*





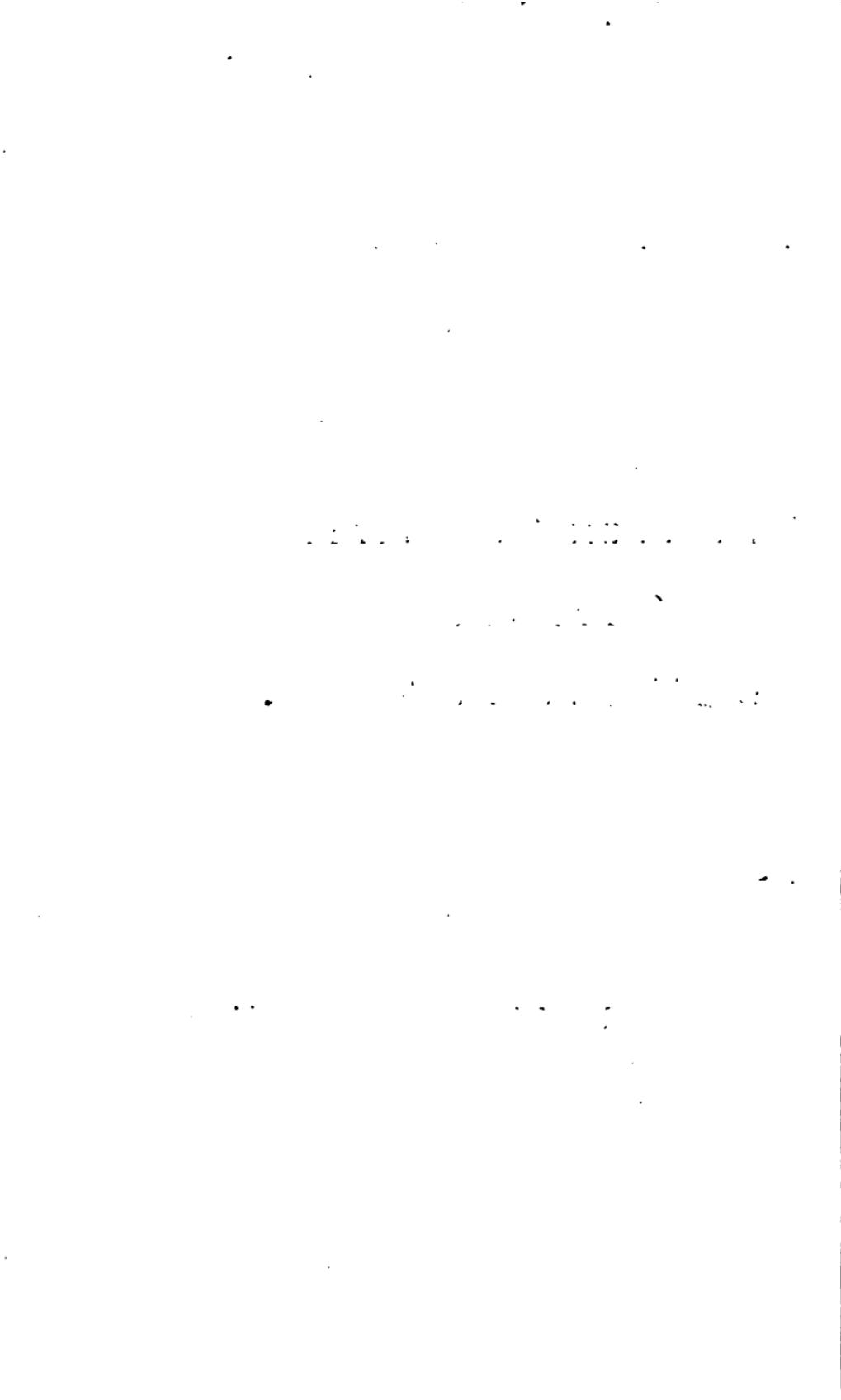
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**S T I R P I U M O R I E N T A L I U M .**

**R A R I O R U M**

**C A T A L O G I T R E S.**

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*Stirpium Orientalium rariorū Catalogus,  
præsertim Græciæ, & Syriæ, provinciis  
nascentium.*

## A.

**A** Brotanum fœmina verum Dioscoridis *Zanoni v.*  
Heliochrysum Abrotani fœminæ facie.

Acaciæ foliis frutex Mesopotamicus *Col. Annot.* in Res  
medicas *Nova Hisp. Recchi.* A caciæ similis Meso-  
potamica, minutissimis foliis, siliqua integra contorta,  
crassa & obtusa, seu siliquæ Nabathæa *Breyn. Prod. 2.*  
Juxta Tigridem fluvium in Mesopotamia, & Eu-  
phratem in Arabia deserta.

*Ageratum Persicum Breyn. Prod. 2.*

Alhagi Maurorum *Rauwolf.* Genista spartium spinosum  
foliis Polygoni *C. B.* Spinosum Syriacum *Park.*  
Agul & Alhagi Arabibus, planta spinosa Mannam re-  
sponsiens *J. B.* Manna in hac arbuscula invenitur *Te-*  
*reniabin* aut *Trungibin* Arabibus dicta. In Persia &  
circa Halepum. *Rauw.* p. 84. 152. 206.

Alcea Indica parvo flore *C. B.* Ægyptia *Cluf.* Ægyptiaca  
*Ger. emac.* Bamia *J. B.* Bamia seu Alcea Ægyptia *Park. parad.* Trionum Theophrasti *Rauwolf. Lugd. app.* Non in Ægypto tantum sed etiam in Syria invenitur. *Rauwolf.* p. 167.

Alcea arborescens Syriaca *C. B.* Althaea arborescens  
glabra, Ketmia dicta *J. B.* Althæa frutex *2 Cluf.*  
Frutex flore albo vel purpureo *Park. Rauwolf.* p. 54.  
Circa Tripolin Syriæ observavit.

Androsænum Constantinopolitanum fore maximo  
*Wheeler.* Flore & theca quinque capsulari omnium  
maximis *Moris. Hist. p. 473.* Non est hoc Ascyron  
magno flore *C. B. prod.* Notæ enim non conveniunt.  
Circa Constantinopolin, eundo inde ad Pontum  
Euxinum, secus vias, & alibi copiose.

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*Anemone maxima Chalcedonica Park.* *Latifolia maxima versicolor C. B.* *Maxima Chalcedonica polyanthos Ger.* *Latifolia pleno flore i Clus.*

*Anetho similis planta femine lato laciniato J. B.* *Gingidium folio Foeniculi C. B.* *Verum, sive Syriacum Park.* *Dioscoridis Rauwolf. Lugd. app.* In monte Libano, locis praeceptis, p. 234.

*Anonis lutea annua siliqua glabra breviora Maris. Hist.* *Halepo transmisit D. Rob. Huntington.*

*Apocynum folio subrotundo C. B.* *Folio rotundo, flore ex albo pallescente J. B.* *Latisolum non repens Park.* *Periploca latifolia Gtr.* *Syriæ & calidiorum regionum incola esse dicitur.*

*Apocynum repens & scandens Rauwolf.* Monte Libano observavit Autor Itin. p. 233. Arbores tegit ut Ephedra.

*Arbutus (Κύμαρος) Dioscoridis vera Wheeleri.* *Folio non ferrato C. B.* *Adrachne Park.* *Adrach. Theophrasti J. B.* *Αδράχνη Græcis modernis, Bellonius multis locis in sua peregrinatione observavit. D. Wheelerus in Achaia prope montem Pentelicum.*

*Arisarum angustifolium Wheeleri* itiner. p. 309. Caule folioso pingitur. Propè Panthæam inter Amphissam & Naupactum.

*Aristolochia Maurorum C. B.* *Peregrina Rauwolfii Clus.* *Rhafut & Rumigi à Mauris nominata Rauwolf. Lugd. app.* *Aristolochiis similis Rhafut & Rumigi Maurorum J. B.*

*Aristolochia clematitis Attica.* folijs in summo bifidis seu crenatis Wheeleri. Θερικαλο Græcis. In monte Hymetto.

*Arum auriculis longis, Ovidne dictum, Chalepense Rauwolf.* p. 104.

*Aster luteus angustifolius Park.* *J. B.* *Luteus Linariae rigido glabro folio C. B.* 6 Clusii Ger. In monte Olympo Asiae. *Wheel.*

*Astragalus Syriacus hirsutus C. B.* *Syriacus Lob. Ger. Park.* *J. B.* *Astrag. Dioscoridis, vulgo Christiana radix Rauwolf. Lugd. app.* p. 105. *D. Wheelerus Itin.* p. 435. *Astragalum quendam describit & depingit, quem in Græcia propè Megaram invenit, & argenteum vocat. Qu. An Syriacus sit?*

*Atractylis Cypria Ang. Lugd.* *Purpurea C. B.* *Purpurea Cypria Park.* *Atractylis*

## Orientalium variorum.

3.

Atractylis vera Antiquarum, cuius caulis profusis utuntur mulieres Graecæ D. Covel. An Atractyli & Cnico sylvestri similis C. B. Calochierny carduus Cretenisibus J. B. In Thracia prope Constantinopolin. V. Hist. noſt. p. 304.

Avellana Byzantina J. B. Pumila Byzantina Cluf. Ger. emac. Peregrina humilis C. B. Nux Avellana Macedonica ſeu Byzantina Park.

Azadirachta foliis ramolis majoribus Syriaca, ſeū vulgaris flore majore cœruleo Breyen. Azedareth arbor, Fraxini folio, flore cœruleo C. B. Azadaracheňi arbor J. B. Azadarach. Avicennæ Park. Zizipha alba Ger. Fructus hujus arboris venenatus eſt, & canes interficit. Rauwolf. p. 51. In Syriâ & Palestînâ.

R.

Baccharis Dioscoridis Rauwolffio Park. Gnaphalio montano affinis Ægyptiacæ C. B. Rauwolffius in Syria obſervavit, & Monte Libano, Itin. p. 233.

Balsamum verum J. B. Genuinum Antiquorum Park. Rutæ folio, Syriacum C. B. Balsamum Alpiæ Ger. emac. Bellonius & Alpinus Arabiam Fælicem Balsami locum patrium ſemper fuſſe, nunquam Judæam aut Ægyptum, contendunt.

Behmen abiad, i. e. Ben album Rauwolffii Park. Serratulæ affinis capitulo squamoso luteo, ut & flore C. B. Ad pedem montis Libani humidu & umbroſo loço, p. 235.

Bellis Chaleensis præcox Kufan & Surugen dicta Rauwolff. p. 109.

Borago variegata Cretica Wheel. Muralis variegata flore odorato Cretica Zanoni. In monte Hymotto Atticæ. Folia maculis albis variegata ſunt: flores (qui candidi) maculis & ſtrīis purpureis cœruleiſe.

C.

Calamus aromaticus Syriacus vel Arabicus ſupposititius Park. Syriacus C. B. prod. A Paludano ex Ægypto reductus habuid C. Bauhinus.

Camarrorum Rhapis Rauwolff. v. Tithymalus.

Capparis arboreſcens fructu Juglandis magnitudine C. B. Arabica non spinosa Park. Cappares arboreſcentes J. B. In Arabia obſervavit Bellonius, Obs. l. 2. c. 20.

Castanea

## Catalogum Stirpium

*Castanea equina Ger. Park.* Equina folio multifido *J. B.* Folio multifido *C. B.* Constantinopoli & in Creta nasci fertur : certè Constantiniopoli ad nos transmissa est.

*Catanance Dioscoridis Rauwolf.* est plantago quinque nervia cum globulis albis pilosis *J. B.* Consule Breynii Prod. 2. in Plantago.

*Caucalis Syriaca* cum maximo semine *J. B.* Gingidiurn latifolium *Ger.* Latifolium Syriacum *Park.* Foliis Pastinacæ latifoliæ *C. B.* Semen ex Syria allatum *J. Bauhino Rauwolfius* communicavit.

*Cedrus magna conifera Libani Park.* Magna sive Libani, conifera *J. B.* Conifera folio Laricis *C. B.* In monte Libani, ubi sponte oritur, 24 tantum arbores supputavit *Rauwolfius*, nec plures *Melchior Lussy*, ast *Bellonius*, qui non multo antea peregrinatus est, circiter 28, qui & in Amano & Tauro montibus se Cedros observasse scribit ; ut Libano propriæ & peculiares non sint. V. *Rauwolf.* p. 229.

*Cedrus Lycia retusa dicta & non nullis Cedrus Phœnicia, Galliæ etiam & Germaniæ communis est.* V. Cat. general.

*Charnubi Arab. i. e. Siliqua,* p. 21. V. Synonyma in Cat. gen.

*Chomæleon niger Dioscorides Rauwolf.* p. 51. 233.

*Chondrilla altera Dioscoridis Rauwolf.* p. 106. *Clus.* Conyza marina *Lugd.* *C. B.* *J. B.* At nostro judicio descriptio Rauwolfii illi non convenit.

*Chondrillæ alterius aliud genus Rauwolf.* aliud genus *Dioscoridis Lugd.* Bulbosæ, Conyza facie major, foliis latioribus *C. B.* Bulbosæ altera latiore folio *Park.* Qui præcedentem bulbosam Syriacam angustifoliam vocat. Utramque invenit Rauwolfius circa Halepum Syriæ, alteram in arvis, alteram in locis faxosis, p. 106.

*Chrysocome vera.* *Dioscoridis Zanoni*, *Helichrysum Persicum* nonnullis.

*Chrysocome Syriaca candidissimis floribus Breyn. cent.* In faxosis Libani montis *Rauwolf.* herbar. sicc. *Gnaphalium Rauwolf.* p. 232.

*Chrysogonium Dioscoridis, Rauwolf.* *Lugd. app.* Quibusdam *J. B.* *Ponæ Ital.* Leontopetalō affinis foliis quernis *C. B.* In Syria segetes *Rauwolf.* p. 108.

Cistus

**C**istus foliis maurinis. In Olympo Asiae monte observavit *Wheelerus* 4. Invenitur prope Monspelium & in Hispania. V. Cat. Gen.

**C**linopodium Dioscoridis *Rauwolf.* 52.

**C**neorum *Matth.* In Hymetto Atticæ Monte invenit *Wheelerus.*

**C**olchicum Fritillarieum Chienſe *Park.* Variegatum *Cornut.*

**C**onvolvulus Hederæ foliis *Rauwolf.* Itin. p. 113. Cæruleus Hederaceo anguloso folio C. B. Trifolius s. hederaeus pupureus *Park.* Cæruleus *Ger.* Nil Arabinum quibusdam s. *Convolvulus cæruleus* J. B. Halepi in hortis.

**C**onvolvulus purpureus folio subrotundo C. B. Cæruleus major rotundifolius *Park. parad.* Cæruleus folio subrotundo *Ger. emac.* Campanula Indica J. B. Ex Syria & Orientalibus delatum aiunt.

**C**onvolvulus Sagittariæ foliis flore amplio purpureo *Wheeleri.* Zacynthi ad puteos bituminosos.

**C**onvolvulus Marinus Soldanellæ affinis J. B. Soldanella maritima major *Park.* Soldanella vel Brassica maritima major C. B. Brassicæ maritimæ genus *Rauwolf.* p. 47. Ludg. app. In Syria circa Tripolin. Folia in summo bifida sunt seu crenata.

**C**onvolvulus Arabicus seu Aegyptius Alpin. exot. 186. Park. Hujus sermen ex Aegypto accepit Pr. Alpinus Convolvuli Arabici nomine.

**C**onyza Syriæ quibusdam J. B. Minor *Rauwolfii.* Park. Major altera C. B. Circa Tripolin Syriæ observavit *Dasylycus.* Conyzæ Dioscoridis *Rauwolf.* p. 48.

**C**onchorus Plinii C. B. Conchorus sive Melochia J. B. In hortis Halepi *Rauwolf.* p. 67. v. Cat. Aegypt.

**C**oris foliis crispis montis Olympi Asiae *Wheeler* p. 220. An Hypericum foliis parvis crassis seu simulatis Siculum Hist. noft. p. 1018.

**C**oris legitima Clus. Hypericoides quorundam J. B. In Hymetto Atticæ monte *Wheeler.* v. Cat. Cret.

## Catalogus Stirpium

**Corona Imperialis Ger. Park.** Cor Imper. sive Tusai aliis *J. B.* Lilium sive Corona Imperialis *C. B.* Hujus bulbos ex Persia primò Constantinopolin delatos sibi persuadet Clusius, quoniam cum eos primùm accipiebat, inter reliquas hæc fuit Inscriptio, *Tusai fior Persiano rosso o discolorito con la Testa abasso. h. e.* Tusai flos Perficus ruber aut decolor nutante Capite.

**Cyanus floridus odoratus Turcicus major & minor Park.** Variat floris colore albo.

**Cyanus floridus odoratus Turcicus latifoliis laciniatus Hort. Paris.**

**Cyanus Orientalis alter seu Constantinopolitanus flo. fistuloso candicante Hort. Reg. Par.**

**Cyclamen Antiochenum autumnale flore purpureo duplici Park.**

**Cyclamen Autumnale, folio subrotundo locido molliore & crenato suave-rubente flore, Syriacum Hort. Reg. Par.**

**Cyclamen hyemale, orbiculatis foliis, inferius rubentibus purpurascente flore. Coum Herbariorum Ejusdem.**

**Cycl. hyeme & vere florens, folio anguloſo, ample flore albo, basi purpurea, Persicum dictum Ejusdem.**

**Cycl. Autumnale, orbiculato, circumroſo folio, subtus rubente, odoratissimo flore Ejusdem.**

**Cyperus rotundus odoratus Syriacus major Park. Orientalis major vel Babylónius Rauwolf.** Rotundus orientalis major *C. B.* Rotundus Syriacus *Ger. emac.* Syriaca & Cretica rotundior *J. B.* In Babylonìa circa urbem Bagadet muscosis humidis copiose Rauwolf. In Ægypto, locis paludosis Alpin.

**Cyperus rotundus Orientalis minor C. B.** Rotundus odoratus Syriacus minor *Park.* Minor Creticus *Ger. emac.* In Syriae montofisis uidis. Reperitur etiam in Italia.

**Cytisus folio argenteo montis Olympi Wheeler.**

D.

*Daucus Tertius* Dioscoridis Rauwolf. p. 105. Folio *Coriandri*, flore luteo *J. B. v.* Cat. Cret. Halepi in colle quodam juxta fluvium obseruavit Rauwolfius. Radices *Zarneb Melchi* Turcis dicuntur.

*Dictamnus Origani* foliis Montis Stipuli *Flo. Bat. fl.* *Origanum spicatum* montis Sipyli foliis glabris *Hist. noſt.* In monte Sipylo copioſe *Wheeler itin.*

*Draba Chaleensis* repens humilior, foliis minus cinereis & quasi viridibus *Morif. Hist. D. Huntingdon.* Hujus semen circa Chalepum collectum misit.

E.

*Ephedra v. Polygonum.*

*Eruca Chaleensis*, caulis & Siliquis hirsutis, foliis inferioribus maculatis *Morif. hist.* Chalepo semen à *D. Huntingdon* transmissum est.

*Eruca Chaleensis*, flore dilutè violaceo, filiisque articulatis *Morif. hist.* Haec etiam ab eodem missa, & ejusdem loci est.

*Eryngium stellatum* capitulis cæruleis *Rauwolf.* Halepi inter segetes obseruavit Autor p. 107.

F.

*Ficus Cypria* *J. B. Rauwolf.* *Sycomorus* altera seu *Ficus Cypria Park.* Ficus folio *Sycomori*, fructum non in caudice gerens *C. B.* Circa Tripolin p. 50.

*Fustick Wood*, *Chrysoxylon Wheeleri.* In rupibus Pelonponesiacis.

G.

*Garab. f. Garb. v. Salix.*

*Genista spinosa* floribus rubris *Wheeler.* In Insula Teno.

*Genista-spartium spinosum* foliis *Polygoni C. B. v. Albagi.*

*Gingidium* folio foeniculi *C. B. v.* *Anetho* similis, &c.

*Glans unguentaria* *C. B.* Nux Ben five *Glans unguentaria Park.* Nux unguentaria *J. B.* *Balanus myreplica Ger.* In Arabia prope *Pharagou* in itinera à *Cayro* ad montem *Sinai Bellon.*

*Catalogus Stirpium*

*Gnaphalio affinis Ægyptiaca C. B.* *Baccharis Rauwolfii* *Lugd. app. Cluf. Hist.* *Dioscoridis Rauwolfio* *J. B.* *Gnaphalium foliis Auriculæ subrotundis, flore duplice niveo in Monte Libano observavit Rauwolf.* p. 232. v. *Chrysocome*.

H.

*Habbel Affis Tripolitanis, sive Granum Altzelem Arabinum Rauwolfii* p. 55. i. e. *Trasi veronensium Lob.*

*Hacub seu Silybum quibusdam* *J. B.* *Circa Halepum locis asperis.* p. 66, 67.

*Harmala v. Ruta Syriaca.*

*Helichrysum Abrotani foeminæ foliis Boccon.* *Abrotanum foemina verum Dioscoridis Zanoni.* Ex semine Perside allato in horto M. Ducis Etruriae succrevit.

*Helichryson Orientale C. B.* *Heliochrysum Orientale*, sive *Amarantus luteus Park. parad.* *Stoechas citrina floris & magnitudine & colore speciosa J. B.* An *Chrysocome vera Dioscoridis Zanoni?* *Helychryson Orientale à Cretica specie diversum nobis esse videtur.*

*Hesperis Syriaca J. B.* *Syriaca Camerarii Park.* *Peregrina filiquis articulatis C. B.* *Leucoium Melancholicum quibusdam.* In *Syriæ montanis* oritur *teste Clusio.*

*Hieracium echooides, capitulis Cardui benedicti majus, Arabicum, folio sinuato Hort. Edinburg.*

*Horminum sativum genuinum Dioscoridis Park.* *Sativum C. B.* *Sylv. foliis purpureis Ger.* Comæ purpuro violacea *J. B.* In *Insula Lefena & universa Græcia.*

*Horminum Syriacum C. B. prod. Park.* *Gallitrichum exoticum flore magno albo J. B.* Bisfermas Camerarii Aman quibusdam. Paludanus è Syria redux hujus semen attulit.

*Horminum Syriacum tomentosum foliis Coronopi sive profundè laciniatis Breyn. prod. 2. rarum foliis laciniatis Rauwolf.* p. 107.

*Hyacinthus comosus Byzantinus Cluf. Ger. Park.* *Comosus albus Byzantinus C. B.* *Comosus Byzantinus candidans cum staminulis purpureis J. B.*

*Hyacinthus*

*Hyacinthus racemosus moschatus C. B.* *Bofroides major moschatus*, sive *Muscari flore cinericeo Park.* *Odotatissimus dictus Tibcadi & Muscari J. B.* *Muscari obsoletiore flore Clus.* *Muscari Clussii Ger.* *E vicinis Constantinopoli hortis, ultra Bosporum in Asia sitis primū Europæ communicata est Clus.*

*Hyacinthus Orientalis*, quibusdam *Constantinopolitanus J. B.* *Orientalis C. B.* cuius duodecim aut tredecim recenset species : plures *Parkinsonus*. Alii enim latifolii sunt, alii angustifolii. Horum alii floribus purpureis sunt, alii albis vel exalbidis. Utriusque generis alii *polyanthes* sunt floribus vel in unum latus propendentibus, vel in omnem partem æqualiter sparsis ; alii pauciores producunt flores. Circa Halepum copiosiss.

*Rauwolf.* p. 109.

*Hyacinthus stellatus Byzantinus J. B.* *Stell. Byzantin.* nigrâ radice *Park.* St. Byz. nig. rad. flore cæruleo *Ger.* *Stellaris obsoletè cæruleus vel major C. B.*

*Hyacinthus Stellatus Byzantinus major flore Boraginis Ger.* St. Byz. alter s. flore Boraginis *Park.* St. Byz. alter elegantissimus serotinus bullatus *J. B.* *Stellaris cæruleus amoënum C. B.*

*Hyacinthus eriophorus Park. parad.* *Bulbus eriophorus Clus.* *Ger.* *Eriophorus Orientalis C. B.* *Constantinopoli sapientis missus est Clus.*

*Hyacinthus Tripolitanus J. B.* *Exoticus flore Phalangi C. B.* Florebat Aprili Hepali, ubi observavit *Rauwolfius.* *Hyacinthus Halepi Ayr* dictus *Rauwolfii p. 109.*

*Hyoscyamus Ægyptius caulinis spinosissimis Morif. bif.* *Ægyptius, caulinis spinosis C. B.* Peculiaris flore purpurascente *J. B.* Et *Hyoscyamus Syriacus ejusdem & Cam.* Ex semine Halepo à D. *Huntingdon* missa Morifono ortus est. Eundem observavit etiam *Rauwolfius* in arvis circa Halepum, p. 111.

*Hypericon montis Olympi Wheeler.* An *Aescyon magno flore C. B.?* In *Olymbo Asiae monte.*

*Hypericum Syriacum Ger.* *Syriacum & Alexandrinum J. B.* *Folio breviore C. B.*

*Catalogus Stirpium*

## I.

*Jacea Babylonica C. B. prod. Park.* Hujus Folium C. Bauhinus ex horto Contareni habuit.

*Jacea maxima Alpin. exot.* Ex seminibus Hierosolymâ delatis enata est.

*Jaccam laciniatam capitulis luteis & jaceam capitulis purpurascenscentibus Monte Libano observavit Rauwolf. p. 231, 232.* Vide Catalogum generalem.

*Jasminum* sive *Sambac Arabum Alpino* J. B. *Sambac Arabicum* f. *Gelseminum Arabicum Alpin. Ægypt.* *Syringa Arabica* foliis Mali Aurantii C. B.

*Jasminum Perficum v. Syringa.*

*Iris bulbosa Persica Park. parad.* *Persica variegata præcox Ferrar. Flor.*

*Iris Chalcedonica Ger.* *Chalcedonica* f. *Susiana major Park.* *Susiana* flore maximo ex albo nigricante C. B. *Latifolia major Susiana* vel *Chalcedonica*, flore majore variegato *Clusia* J. B. *Constantinopoli delata* est.

*Iris Asiatica cærulea Polyanthos C. B.* *Asiatica cærulea omnium amplissima, Dalmaticæ affinis* J. B. *Constantinopoli accepit Clusius.*

*Iris Byzantina purpuro cærulea C. B.* *Major latifolia Byzantina, Dalmaticæ minori similis* J. B. *Major Latifolia* 18. *Cluf.*

*Iris Asiatica purpurea C. B.* *Afrat. purp. major. latifolia* J. B. *Major latif. 5. sive Asiatica purp.* *Cluf.*

*Iris Damascena polyanthos C. B.* *Major latifolia 4. f. Damascena* *Cluf.* *Major latif. sive Damascena cærulea* J. B.

*Iris Tripolitana Cluf.* *Tripolitana* foliis longissimis, flore aureo J. B. *Media longissimis follis lutea* C. B.

*Iris tuberosa C. B. Ger, Park.* *Tuberosa Belgarum* J. B. *Ex Arabia & regionibus Orientalibus.*

## K.

*Kali Arabum primum genus Rauwolf. Lugd. app. C. B.* Juxta Tripolin copiosissimum observavit Rauwolfius p. 33.

Kal

Kali Arabum secundum genus *Rauwolf.* *Lugd. app.* Kali geniculatum alterum vel minus *C. B.* Cali Arabum aliud *J. B.* Circa Tripolin Syriæ *Rauwolf.* *ibid.*

Kismesen vel Kefmesen *Bellonio.* Acacalis quorundam s. Kefmesen foliis Ceratiæ *J. B.* Siliquæ Sylvestri similis, an Dioscoridis Acacalis *C. B.* Semen hujus Cayrinæ & Kismesen nomine à Paludano ex Syria reduce accepit *C. Bauhinus.*

## L.

*Lamium moschatum*, foliorum marginibus argentatis *Wheeler.* Circa Panthæum inter Amphissam & Nau-pactum in Græcia.

*Lapathum Chalepense* folio acuto, seminum involucris profundè dentatis *Morif. hist.*

*Laserpitium Alpin. exot. Bod. à Stapel.* Comm. in Theophr. hist. lib. 6. p. 588. Ex seminibus à Thracia delatis ortum est.

*Lathyrus* ~~αυρικός~~ s. supra infraque terram siliquas gerens *Morif. hist.* An Araco similis planta ex Hispania missa *Bod. à Stapel.* In Asia Syriaque provenit Semina ab urbe Chalepo à D. Roberto Huntingdon ad Morisonum transmissa fuere.

*Laurocerasus Clus. Ger. J. B.* Cerasus folio Laurino *C. B.* Cerasus Trapezuntina s. Lauro-cerasus *Park.* A Trapezunte primò in Constantinopolin illata dicitur, inde in Europam.

*Leontopetalon Ger. Park. C. B.* quorundam *J. B.* *Affab Syrorum.* Circa Halepum *Rauwolfius* reperit. D. *Wheelerus* per totam planitiem Atticam inter Athenas & Hymettum *Rauw.* p. 108.

*Lepidium* *Dioscoridis Zanoni*, Planta Persica. Maximum Chalepense, primis foliis minoribus & ferratis; secundis majoribus & profundè sinuatis, spissis incanis *Morif. hist.*

*Leucoium Alyssoides clypeatum majus C. B.* Alvsson *Dioscorides.* Ad Conrongeli pagum in Bythinia *Wheeler.* Monte Libano *Rauwolf.* p. 231.

*Libanotis latifolia Aquilegiæ folio C. B. Park. J. B.* Ligusticum *Rauwolfii* foliis Aquilegiæ *J. B.*

## Catalogus Stirpium

*Lilium album* Syriacum Rauwolfi *J. B.* Album Byzantinum *Clus. Park. Ger.* Album floribus dependentibus seu peregrinum *C. B.* Sultan Zambach & Martagon Constantinopolitanum flore albo *Clus. bist.* Hal-lepi locis aquosis.

*Lilium Byzantium miniatum* *C. B.* Flore miniato nuan-tante, sive *Hemerocallis Chalcedonica* quibusdam *J. B.* *Lil. rubrum* Byzantium f. Martagon Constantinopolitanum *Park.*

*Lilium Susianum* *Clus. Persicum* *Ger. Park. C. B.* Persicum sive Susianum *J. B.* Susianum dictum est, quod Susis Persiae urbe delatum fuerit.

*Linaria annua* Chalepensis, minor, erecta, flore albo, lin-eis violaceis notata, calyci ex quinis foliis constanti insidente *Morif. bist.* A D. R. Huntington semen accepit.

*Linariæ purpurascens* ducas species Monte Libano obser-vavit *Rauwolf.* p. 232.

*Lupinus peregrinus pentaphyllum* *C. B.* *Ambicus*, sive *Pentaphyllum peregrinum* *Ponæ Ital.* *Pentaphyllum peregrinum* *Siliquofum bivalve minus* *Morif. bist.* Ex semine Chalepo Syriæ urbe transmissio Morifono enata est.

*Lychnidis Chalcedonicae* umbellâ Phlomos Lychnitis altera Syriaca *Lob.* Phlomos Lychnitis Syriaca *Ger.* Verbascum acuto Salviæ folio *C. B.* Foliis Salviæ enuifoliæ Syriacum *Park.* Verb. Lychn. Syriacum incanum summitate floris Hierosolymitanae *J. B.*

*Lychnis Chalcedonica* *Ger. Park.* Hirsuta flore coccineo major *C. B.* Flos Constantinopolitanus miniatus, albus & varius *J. B.*

*Lychnis* flore punctato *Wheeleri.* In Insula Zazyntho.

*Lychnis Sylvestris* hirsuta annua, flore minore carneo *Morif. bist.* Semina à D. Huntington Chalepo trans-missa sunt.

*Lychnis Chalepensis* annua, foliis parum hirtis & angustis, flosculis carneis, pediculis biuncialibus insistentibus, capsulis fere rotundis *Morif. bist.*

*Lycium* *Dioscoridis* *Rauwolf.* Buxi foliis angustioribus Syriacum *Breyn. Prod. 2.* Hadhad Arabibus & Zaroa incolis montis Libani p. 233.

*Lycium Buxi foliis rotundioribus Syriacum vel Persicum*

*Breyn. prod. 2. quem consule.*

*Lycopsis Dioscoridis Rauwolf. Lugd. app. Lycopsis*  
*Ægyptiaca C. B. p. 109. Circa Halepum in arvis.*

M,

*Majorana Syriaca vel Cretica C. B. Marum Syriacum*  
*Ad. Lob. Ger. Syriacum vel Creticum Park.*

*Malva hortensis seu rosea folio subrotundo caulescens,*  
*flore simplici minore luteo-pallido Chalepensis Morif.*  
*hif.*

*Marrubium villosum Syriacum seu montis Libani Breyn.*  
*prod. 2.*

*Medica trifolia foliis dissectis Rauwolf. p. 107.*

*Medica filiquis compressis viridibus longitudine & latitu-*  
*dine Siliquarum Senæ Rauwolf. ibid.*

*Medium Dioscoridis Rauwolfi f. B. Viola Mariana la-*  
*ciniatis folios peregrina C. B. Mariana peregrina*  
*Park. v. viola.*

*Megasac Arabum, i. e. Poterium Matth. Raw. 106.*

*Melantzana vel Melongena v. Solanum pomiferum.*

*Melilotus curvis filiquis biuncialibus Syriaca f. Chalepensis*  
*major Morif. hif. D. Huntington misit.*

*Melilotus Syriaca Park. Syriaca odora Ger. Melilotus*  
*corniculis reflexis major C. B. Non Syriaca tantum*  
*est, sed & Italica, verum in Syriaca filqua videtur*  
*magis curva falcatae Lob. Melilotus siliculis pen-*  
*dentibus longis, curvis ex eodem centro ortis Ger-*  
*manica seu Italica Syriacáve recta Morif. hif. D.*  
*Huntington semen ex Halepo transmisit.*

*Melilotus lutea minor, floribus & siliculis majoribus, spi-*  
*catim & raro dispositis, foliis angustioribus, maculis*  
*sub exortum notatis Morif. hif. Hanc etiam speciem*  
*semine à D. Huntington accepto debemus.*

*Melilotus minima Syriaca. Nephel sive Naphal Iben*  
*baithar & Malafesæ Breyn. prod. 2.*

*Melissa Turcica Ger. Turcica multis dicta f. B. Tur-*  
*cica flore cæruleo & albo Park. Peregrina folio ob-*  
*longo C. B. Ex Moldavia ad nos primum deleta est.*

*Melissa Molucca lævis sive Syriaca lævis Park. Rauwolf.*  
*p. 49. Mel. Molucca lævis Ger. Molucana odorata*  
*C. B. Asiaticæ originis est, Constantinopoli primum*  
*delata,*

*delata*, unde & nonnullis *Melissa Constantinopolitana* dicitur. Ejusdem loci & originis est *Melissa Molucca asperior*; quæ & in Sicilia spontanea est v. Cat. Sic.

*Melochia v. Corchorus Plinii.*

*Mes* sive *Meisce Avicennæ v. Mungo.*

*Morgiani Syrorum Rauwolf.* i. e. *Capparis Portulacæ* folio *C. B.* *Capparis fabago Ger.* *Fabaginea* seu *Peplis Lutetianorum J. B.* *Fabago* f. *leguminosa Park.* *Telephium* *Dioscoridis & Plinii Col.* Circa *Tripolin* invenit *Rauwolffius*.

*Mosselini* seu *Muslin* panni linei è *Gossipii* quadam specie facti, & à regione *Mossoli* dicta in Mesopotamia denominati.

*Mungo Col. Clus. J. B. Garc.* *Fructus niger Coriandro* similis *C. B.* *Mes* sive *Meisce Avicennæ Rauwolf.* p. 68. Nasci ferunt in Palæstina Halepi observavit *Rauwolffius*; ubi semina Turcis in pretio sunt, & cum *Oryza* mixta in deliciis habentur.

*Myagrum Arabicum Rosa Hierichuntina* perperam dictum Zanoni v. *Rosa Hierichontica.*

*Myrtus fructu nigro cæruleo, Sorby magnitudine eduli Rauwolf.* p. 65. An *Myrtus augustifolia Bætica C. B. Clus. hijt.*

### N.

*Narcissus Persicus Clus. Park. Ger.* *Colchicum melino* flore *C. B.*

*Nasturtium Babylonicum Lab.* Est *Draba umbellata* f. *Draba major capitulis donata C. B.*

*Negil Rauwolf.* *Grammini rubro loliaceo affine* p. 195. *Pecori exitiale.*

### O.

*Olea sylv. folio molli incano C. B.* *Zizyphus Cappadocia* quibusdam *olea Bohemica J. B.* *Zizyphus alba Bellon.* *Seisefun Rauwolf.* Monte Libano aliisque Syriae locis observavit *Rauwolf.* p. 101. 226.

*Origanum Smyrnæum Wheeleri hijt. noſt.* p. 540. *Smyrna* in monte cui Arx inedificatur copiose.

*Ornithogalum*

*Ornithogalum Arabicum Clus. Park.* Majus Arabicum  
*Ger. emac.* Umbellatum maximum C. B. *Lilium*  
*Alexandrinum f. Ornithog.* maximum Syriacum J. B.  
*Onobrychis major annua*, siliculis articulatis, asperis,  
 clypeatis, undulatim (i. e. antrosum & retrofom)  
 junctis, flore purpuro-rubente *Moris. bift.* Ex semine  
 Chalepo à D. *Huntington* transmissio in horto Academico  
 Oxoniensi errata est.

P.

*Parma major C. B.* Palma *Dactylifera Jonston.* In  
 Syria frequens.

*Panax Syriacum Theoph.* est *Panax Pastinacæ* folio sive  
*Heracleum majus*; in Sicilia nobis observatum. v.  
*Cat. gen.*

*Papaver Corniculatum* flore sanguineo *Wheeleri.* In  
 Attica circa Hymettum.

*Persea C. B.* J. B. Arbor *Ger.* Arbor *Clus. Park.*  
 In Persia oriri dicitur & venenosa ibi esse, cum in  
 Ægypto nata innocens sit.

*Periploca latifolia Wheeleri* itin. p. 223. Ad vias publi-  
 cas prope Prusiam Bythiniæ urbem.

*Petromarula Cretica* in monte Parnasso è rupium fissuris  
 exit *Wheeler.*

*Phaseolus Turcicus* flore flavo *Rauwolf.* p. 49.

*Planta lactaria Xabra* & *Camarrorum Rhafis* &c. v. *Ti-*  
*thymalus.*

*Pistacea Ger.* J. B. *Nux Pistacea Park.* *Pistacea Pere-*  
*grina* fructu racemoso, sive *Terebinthus Indica Theo-*  
*phrasti C. B.* Multis Syriæ locis abundat, ut circa  
 Sermin urbem, inter Tripolin & Halepum, ubi inte-  
 græ earum Sylve sunt necnon circa Tripolin ipsam  
 p. 59, & 64.

*Polium Gnaphaloides Alpin. exot. Park.* Wheelerus in  
 Monte Parnasso observavit, unde Plantam à Gnapho-  
 lio maritimo vulgari distinctam esse, contra quam ali-  
 quando opinati sumus, verisimile est.

*Polygonum bacciferum scandens C. B.* *Ephedra* sive  
*Anabasis Bellonii Park.* Ad pedes montis Olympi  
 & in monte Hæmo, item circa Tripolin Syria *Rau-*  
*wolf.* p. 49.

Polygonum

Polygonum maximum, longissimis caulinis & foliis  
*Morif. hist.* Circa Halepum Syriæ urbem invenitur.  
 Poterium *Matth.* i. e. Tragacanthæ affinis lanuginosa sive  
 Poterium *C. B.* Circa Halepum observavit *Rauwolf.*  
 p. 107. v. *Cat. Hispan.*  
 Prunella Spinosa *Wheeler.* In Atticæ monte Himetto.  
 Pseudo dictamnus acetabuliflorus Moluccæ *C. B.* Alter Theophrasti Ponæ *Park.* In Cithæra Insula *Wheeler.*  
 Pulsatilla rubra *Ger. J. B.* Flore rubro *Park.* Flore  
 rubro obtuso *C. B.* Ex Halepo habuit Lobelius.

## Q.

Quadrifolium annuum Persicum Zanoni.

## R.

Ranunculus Asiaticus grumosa Radice i *Cluf.* Tripolitanus *Ger.* Tripolitanus flore Phœnicio *J. B.* Asiaticus sive Tripolitanus flore rubro *Park.* Grumosa radice, flore Phœnico minimo simplici *C. B.*  
 Ranunculi Asiatici plurimæ seu species, seu varietates in hortis aluntur, quas omnes recensere nimis Longum foret. Confulantur Clusius, C. Bauhinus, Hortus Regius Parisiensis, aliisque.  
 Raphanistrum monospermon maximum Chalepense, flore luteo, capsula rotunda striata *Morif. Hist.*  
 Rhamnus spinis oblongis, flore candicante *C. B.* Haufet & Haufegi sive Rhamnus primus *Rauwolf.* Circa Tripolin.  
 Rhaponticum Thracicum f. Hippolathum maximum rotundifolium exoticum, Rhabarbarum verum nonnullis falso creditum. In Rhodope Thraciæ monte Alpin.  
 Ribes verum Arabum *J. B.* Arabum, foliis Petasitidis *C. B.* Lapathum rhombifolium montis Libani nomine maximo *Brey. prod. 2.* An Ribes Belloni de Ceniferis? *Rauwolfius* in monte Libano observavit, & figuram ejus exhibuit. p. 220, 230, 231.  
 Rosa Hierichontea vulgo dicta *C. B. Park.* Thlaspi Rosa de Hiericho dictum *Morif. Hist.* Myagrum Arabicum Rosu Hierichontina perperam dictum Zanoni. Circa Hiericho nusquam reperitur, sed in Arabia deferta ad litora maris in fabulo. *Bellon.*

Rose

# Orientalium rariorum.

17

Rosæ Hierachontæ altera species sylvestris C. B. Park.  
Myagrum Syriacum semine spinosa Zanoni. In Syriæ  
tectis & ruderibus invenit Rauwolfius.

Ruta quæ dici solet Harmala J. B. Sylvestris Syriaca  
sive Harmala Park. Sylv. flore magno C. B.

Melanthium Syriacum minus frutescens latifolium, Rutæ  
flore, fructu tricarpulari Breyen. prod. 2.

Ruta Chaleensis tenuifolia, florum petalis villis scaten-  
tibus Moris. Hist. Cat. Hort. Lugd. Bat.

## S.

Salix Arabica folio Atriplicis C. B. Humilis Arabica  
folio Atriplicis Park. Garab Maurorum, Salicis ge-  
nus J. B. Garab Maurorum Rauwolf. Lugd. app.  
p. 101. Garb Itinerar. Rauwolf. p. 159.

Salix Syriaca folio oleagineo argenteo C. B. Ægyptiaca &  
Syriaca Park. Salsaf Syrorum, Salicis species J. B.  
Circa Halepum.

Salvia Syriaca Cisti foeminæ foliis, acetabulis moluccæ  
Breyen. cent. Hujus meminit Rauwolfius in Hodope-  
rico p. 108.

Satureia frutescens Arabica folio fimbriato hirsuto Breyen.  
prod. 2. Sathar Arabum Rauwolfii, Hyssopum mon-  
tanum Cilicum quibusdam J. B. Hyssopus monta-  
na angustifolia aspera C. B. Montana vel de Cilissa  
Park.

Scabiosa argentea petræa. In isthmo Corinthiaco.

Scabiosa argentea minor montis Sipyli Wheeleri itin. p.  
239.

Scammonia Syriaca C. B. Syriaca legitima Park. Sy-  
riaca flore majore Convolvuli J. B. Scammonium  
Syriacum Ger. In calidis pingui solo exit ut in Asia  
& Syria, & Bellonio teste etiam in Creta.

Schamuth Arabum seu Schack Rauwolf. p. 103, 152. C.  
Bauhino Acacia Ægyptiaca habetur ; nobis tamen ali-  
ter videtur, ut ex siliquæ descriptione appareat.

Scorzonera radice rotunda Wheeleri. Galacorta Græcis  
modernis. In Attica circa Hymettum montem.

Scorzonera foliis fistulosis, Galacorta etiam dicta Whee-  
ler. Cum priore.

Scorzo-

Scorzonera Orientalis *Vestling* notis in *Prosp. Alpin.* de Plant. Ægypt. In Palæstina & finitimiis Ægypti. An Scorzonera Chaleensis flore purpureo *Rauwolf.* p. 104. Alteram Scorzoneram floribus luteis monte Libano observavit *Rauwolf.* p. 230.

Scordium lanuginosum alterum verticillatum *C. B.* Scordotis tomentosa Cretica *J. B.* Prope Mandragorui vicum in Phrygia observavit *D. Wheelerus.*

Sebestena domestica an ὄμορχης Athenæo *C. B.* Mixa sive Sebesten *J. B.* Myxos sive Sebesten *Park.* Sebestena, Myxa s. Mixara *Ger.* In Asia & Ægypto *Rauwolf.* p. 21.

Secacul Arabum. v. Sifarum.

Secudes Arabum. v. Stœchadi serrata affinis.

Seisefun *Rauwolf.* Halepi in locis humidis & sepibus frequens, est Olea Bohemica *Matth. Rauwolf.* p. 101.

Sepha, seu Persea Arbor Venenata *Rauwolf.* p. 197.

Sideritis Persica odorata *Zanoni.* An Herba venti Monspeliensium?

Sifarum Syriacum *C. B.* Alterum Syriacum *Park.* Secacul Arabum & Mauritanorum, sive Pastinaca Syriaca *Rauwolf. Lugd. app. J. B. Rauwolf.* p. 66.

Sisyrinchium Persianum *C. B.* Flos Pericus Sisyrinchio congrega *Cluf. Hist.*

Sisyrinchium Chelepense *Tbarasalis* dictum *Rauwolf.* p. 104.

Solanum pomiferum fructu incurvo *C. B. J. B.* Melantzana Arabum *Rauwolfii Lugd. app. Halepi.* p. 66.

Solanum pomiferum fructu spinoso *J. B.* Melantzana nigra *Rauwolf. Lugd. app.*

Sorghum album, Milium Indicum *J. B.* Milium Arundinaceum semine plano & albo *C. B.* Dora *Rauwolf.* p. 171. In Arabiâ circa Anam.

Spartium alterum monospermon, semine reni simili *C. B.* Secundum Hispaniacum *Cluf.* Prope Thyatiram in Asia invenit *D. Wheelerus.* v. *Cat. Hispan.*

Speculum Veneris Thracicum flore amplissimo. Inter segetes propè Constantinopolin invenit *D. Covell SS. Theolog. Doctor, & Collegii Christi in Cantabrigia Praeses dignissimus.*

Stachys viscosa flore luteo *Wheeler.* In monte Par-nasso.

Stœchadi

Stœchadi serratæ affinis *C. B.* Tragium alterum Dioscoridis quibusdam, folio Trichomanis *J. B.* Secudes & Sucudus Avicennæ *Rauwolf.* p. 112. *Lugd. app.*  
*Sycomorus J. B. Jer.* Sycomorus sive *Ficus Aegyptia Park.* *Ficus* folio Mori, fructum in caudice ferens *C. B.* In Syria & Palæstina non minus frequens est quam in Aegypto. p. 50. 51.

*Syringa Persica* sive *Lilac Persicum* incisis foliis. Jasminum Persicum dictum *Park.* Agem Lilag Persarum, s. *Lilac* inciso folio *Cornuto Ligustrum* foliis laciniatis. *C. B.* *Syringa Persica* purpurea duplex, foliis laciniatis, & foliis integris.

T.

*Terebinthus Indica* major fructu rotundo *J. B.* Peregrina, fructu majore. Pistaciis simili eduli *C. B. latifolia Ger. Park.* Indica prior Theophrasti, major *Rauwolf. Lugd. app.*

*Terebinthus Indica*, fructu parvo ad coeruleum accidente *J. B.* Peregrina fructu minore coeruleo & eduli *C. B.* Hujus fructus *Botn Soagier* illius *Botn quibir Arabinus* dicitur. *Rauwolf.* p. 193. 205. In Persia Mesopotamia & Armenia.

*Tereniabin Mannæ* genus v. *Alhagi. Rauw.* p. 85.

*Tharasalis v. Sisyrhynchium.*

*Thlaspi fruticosum* *Perficum* foliis Keiri *Zanoni.* Fruticosum Leucoii folio *C. B. Park.* *Latifolium platycarpum* Leucoii foliis *P. Boccone.*

*Thlaspi verum* *Dioscoridis* f. *Perficum Zanoni.* *Thlaspi Alexandrinum C. B. Park.* *Alexandrinum Cortusum Jo. Bauhini J. B.*

*Thymus verus* *Dioscoridis, Hasce Arabum Rauw.* p. 52.

*Tithymalus spinosus* *Creticus Alpin.* *Maritimus spinosus C. B. Marit.* *Creticus spinosus Park.* In Græcia, plurimis in locis.

*Tithymalus* (vel *Tithymalo* affinis) *aphyllos* dictus major Indicus, latifolius, flore sanguineo aviculæ capitulum representante *Breyn.* An *Planta lactaria, Xabra & Camaronum Rhafis Rauwolf.* & *C. B. pin.*

*Tragacantha humilior* floribus luteis *C. B. Syriaca flavescens Park.* *Trag. Rauwolfius J. B.* In monte Libano *Rauwolf.* p. 230.

Tra-

*Catalogus Stirpium, &c.*

*Tragacantha Syriaca purpuraseens Park.* Tertia *Rauwolfii.* In eodem monte.  
*Tragium alterum Diosceridis Rauwolfi.* v. *Stoechadi* ser-  
 ratæ affinis.  
*Trionum Theophrasti Rauw.* *Lugd. app.* Est *Alcea In-*  
*dica* parvo flore *C. B.* i. e. *Bamia v. Alcea.*  
*Trunschibil Mannæ genus Rauw.* p. 84. v. *Alhagi.*  
*Tulipa Persica Park.* *Variegata Persica C. B.* *Persica*  
*præcox Clus. cur. post.*  
*Tulipam omne genus colorum circa Halepum obseruavit*  
*Rauwolfius* p. 109.

## V.

*Verbascum subrotundo Salviæ folio Syriacum C. B.* *Sal-*  
*vifolium exoticum cistoides Park.* *Sylvestre Salvifo-*  
*rium exoticum ; folio rotundiore F. B.*  
*Viola Mariana laciniatis foliis petegrina C. B.* Medium  
*Dioscor.* & *Mindium Rhofis Rauwolf.* p. 232. Monte  
*Libano obseruavit Rauwolf.* *Trachelii seu Campanu-*  
*læ species est.*  
*Vitex trifolia minor C. B.* Agni casti species multò  
 minor cæteris, tribus tantùm firmis foliis donata *Rau-*  
*wolf.* p. 153.

## Z.

*Zarneb & Zarnabum Arabum v. Salix Saffaf.*  
*Zarneb melchi v. Daucus tertius Dioscoridis.*  
*Zaroa. v. Lycium.*

*Stirpium*

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## Stirpium Ægyptiacorum Catalogus.

### A

**A** Bdellavi *v.* Melo Ægyptius.  
**A** Abelmosch. *v.* Alcea Ægyptiaca villosa C. B.  
 Abrus *v.* Phaseolus Indicus ruber Bontii.  
 Absynthium Santonicum Ægyptiacum Park. C. B. Ægyptium quibusdam J. B. Abrotani foeminæ species secunda Zanoni.  
 Absus seu Lotus Ægyptiaca Park. Absus Alpin. Ægypt. Vessing. Loto affinis Ægyptiaca C. B.  
 Abutilon Avicennæ Ponæ Ital. Alpin. Est Abelmosch seu Alcea Indica Moschata.  
 Acacalis est Kismesen Bellon. *v.* Cat. Orient.  
 Acacia vera J. B. Vera sive Spina Ægyptiaca Park.  
 Dioscoridis Ger. Foliis scorpioidis leguminosæ C. B.  
 Achaovan Alpin. Æg. Matricaria inodora C. B. Park.  
 Parthenium inodorum sive Achaovan Ægyptiorum J. B.  
 Agihalid Ægyptiaca Lycio affinis Park. Ægyptium folio buxi, an Lycium? J. B. Lycio affinis Ægyptiaca C. B. Uzeg Alpini affinis & similis est, si non eadem.  
 Alcanna *v.* Ligustrum Orientale.  
 Alcea Ægyptia villosa C. B. Ægyptia moschata Park.  
 Belmuscus Ægyptia Honor. Bell. J. B. Ab-el-mosch sive Mosch Arabum Vessing.  
 Alchimelech Ægyptiorum *v.* Melilotus Ægyptiaca.  
 Amomum Plinii Ger. Solanum fruticosum Americanum, dictum Amomum Plinii Park. Fruticosum bacciferum C. B. Strychnodendros J. B. In Ægypto paſſim Vessing.  
 Arum maximum Ægyptiacum, quod vulgo Colocasia C. B. Ægypto rotunda & longa radice vulgo Colocasia dicta Park. Colocasia Clus. J. B. Ægyptiaca Ger.

L 1

B.

## B.

Balsamum verum antiquorum nec Aegypti nex *Judeæ*  
indigena est, sed Arabiæ Fœlicis v. Cat. Oriental.

Bamnia J. B. Seu Alcea Aegyptiaca Park. Parad. Alcea Aegyptiaca Ger. emac. Indica parvo flore C. B.  
In Aegypto frequentissima.

Ban vel Bon arbor J. B. Item Buna, Bunnu & Bunchos Arabum ejusdem. Bon arbor cum fructu suo Buna Park. Euonymo similis Aegyptiaca, fructu bacca Louri simili C. B. Male Aegyptiacam vocat, neque enim spontanea, neque culta in Aegypto invenitur sed in Arabia Fœlice tantum Bunnu Rauwolfii, Buna ex qua in Alexandria fit potio [Coffeæ dicta.]

Ban seu Calaf Alpin. Saffaf Syrorum Rauwolf vel eadem est, vel ei vaide affinis. v. Cat. Orient.

Bacob Alpin, Baohab sive Abavus Clus. J. B. Abavo arbor radice tuberosa C. B. Abavi Aethiopicus fructus bello J. B. Guanabanus Scaligeri huic Eadem arbor esse videtur. Aethiopie natales debet, Aegypto advena est. Beidelsar Alpini, seu Apocynum Syriacum J. B. Apocynum Syriacum Clusii Ger. emac. Lapathum Aegypticum lactescens filiqua. Asclepiadis C. B. Paul Hermannus in Cat. Hort. Leyd. Plantam hanc ab Apocyno majori recto Syriaco Cornut. Specie diversam facit; quo cum consentit Commelinus in Cat. Hort. Amstel. Jac. Breynices in Prod. 2. Vellingum reprehendit quod quo Apocyno hoc Apocynum majus Syriacum rectum Cornuti posuerit. Verum in titulo Apocyni hujus non omnino consentit cum Hermanno & Commelino: Siquidem hi, ut & Scholæ Botanicæ Tourefortii, Apocynum latifoliump Aegypticum, incapum, erectum, floribus spicatis maximis pallide violaceis, filiisque folliculatis rugosis hoc vocant: Breynius autem Apocynum erectum majus latifolium Aegypticum flore luteo spicato. Apocynum autem illud latifolium, &c. floribus pallide violaceis, &c. Hermanni & aliorum. Indicam & distinctam plantam facit, titulo Apocyni erecti majoris latifolii. Indicam flore concavo ampio carneo suave-rubente & cum antecedenti i. e. Aegyptiaco non confundendam monet.

Brassica

Brassica spinosa C. B. Ægyptiaca Alpin. exot. Park. In  
Ægypto, Æthiopia & Syria.

C.

Caova Alpin. i. e. Coffee Potio.

Capparis non spinosa fructu majore C. B. Park. Al-  
pinus Cappares Alexandriæ majores quàm alibi inveni-  
antur provenire scribit.

Carob f. Carub i. e. Siliqua dulcis in Syria & Palæstina,  
& circa Hierosolymam multò frequentior est quàm in  
Ægypto.

Cassab & Darira Alp. exot. Lysimachia lutea Ægyptiaca  
Hist. nat. p. 1022. In Ægypto, locis humidis, inque  
judæa circa lacum Gennesareth, & multis Syriæ in lo-  
cis.

Cassia fistula Alexandrina C. B. Fistula Ger. Purgatrix  
f. B. Solutiva vulgaris Park. In Ægypto aliisque  
regionibus calidioribus.

Chate Alpin. Cucumis Ægyptius Chate f. B. Cucu-  
mis Ægyptius rotundifolius C. B.

Caucalis Daucoïdes Tingitana Moris. præl.

Chamaedrys arborea Ægyptiaca C. B. Arborea in Insula  
Corcyra Alpin. Nescio cur C. Bauhinus hanc Plan-  
tam Ægyptiacam denominet, cum Alpinus in Ægypto  
nasci non affirmit, sed in Corcyra insula.

Colocasia v. Arum Ægyptiacum.

Convolvulus Ægyptiacus quinquefolius C. Bauhini f. B.  
Foliis laciniatis, vel quinquefolius C. B. Major Ara-  
bicu five Ægyptius Park. Ægyptius Vesslingii qui vix  
dari cultiorem in Ægypto hortum scribit cui non or-  
namentum commodet.

Cyperus rotundus Orientalis major in Ægypto etiam co-  
piose provenit. v. Cat. Orient.

Cypris i. e. Alcanna seu Elhanne v. Ligustrum Orientale.

D.

Datura v. Stramonium.

E.

Elhanne v. Ligustrum Orientale.

## Catalogus Stirpium

F.

*Faba Ægyptia Bed. à Stapel.* *Faba Ægyptiaca Dioscoridis*  
*affinis C. B.* *Fructus valde elegans, Faba forte Ægyp.*  
*Diosc. J. B.* *Alpinus Fabam Ægyptiam pro Col-*  
*cafia habet.* *Nascitur in paludosis & ad fluviorum ri-*  
*pas in India Orientali, an in Ægypto nescio. Nym-*  
*phaeæ speciem faciunt qui de ea scripserunt.*

*Felfel-tavil seu Piper longum Ægyptium Alpini & Ves-*  
*lingii qui in maritimis Africæ locis plantam satis fre-*  
*quentem esse ait.*

*Ferula Tingitana, folio latissimo lucido Hart. Edinburgb.*  
*Ficus Ægyptia seu Sycomorus Park.* *Folio Mori fructum*  
*in caudice ferens C. B.* *Sycomorus Ger. J. B.* *In*  
*Ægypto & Syria copiose.*

G.

*Gossipium arboreum caule lœvi C. B.* *Xylon arboreum*  
*J. B. Park.* *In Ægypto invenitur,*

*Gramen erucis sive Neiem, el. salib. Alpini J. B. Bon-*  
*dactylon Ægyptiacum C. B. Park.* *In Ægypto frequens,*  
*Gramen Stellatum Ægyptium Vestlingii.* *Dactylon Æ-*  
*gypt. Park.* *Qui in præcedentis descriptione hujus quo-*  
*que meminit. Circa Heracleam seu Rosetum oppidum.*

H.

*Hyacinthus Mauritanicus Clus. Hist. app. 1.* *Oblongo*  
*Flore fusco C. B.* *Ex ea Mauritanie parte ubi urbes*  
*Fessæ & Marochum sita sunt delatus est.*

*Hyoscyamus Ægyptius Park.* *Rubello flore Ger.* *Pecu-*  
*liaris flore purpurascente J. B.* *Et Hyos. Syriacus*  
*eiusdem.* *Cauliculis spinolissimis Ægyptiacus C. B.*  
*Et rubello flore ejusdem.* *Hyoscyamus albus Ægyptius*  
*Alpin. Æg. & Exot. Vestling.* *Juxta Pyramides Æ-*  
*gyptias majores.*

K.

*Kali Ægyptiacum foliis valde longis hirsutis C. B.* *An*  
*Psyllium minus quod Gottne rubri & Botrio rubro no-*  
*mine accepit C. Bauhinus?* *Kali tertia species Alp. Æg.*

L.

L.

Lablab seu Leblab Alpini v. Phaseolus.

Lathyrus Tingitanus flore ample ruberrimo. Semina hujus Plantæ, ut & aliarum rariarum D. Alex. Balam è Tingi urbe Africæ in Angliam primus detulit.

Libanotis cachryophorus semine fulcato lævi Moris. prælud. E Mauritania Tingitana attulit D. Alex. Balam. Ligustrum Orientale sive Cyprus Dioscoridis & Plinii Park. Ligustrum Ægyptiacum latifolium & angustifolium C. B. Alcenna & Elhanne Arabum, nunc Græcis Schennq Rauwolfii.

Lotus Ægyptia Alpin. exot. Nymphæa seu Neufar Ægyptium Vessling. Nymphæa alba major Ægyptiaca sive Lotus Ægyptia Park. In aquis.

Luffa Arabum seu Cucumis Ægyptius reticulatus Vessling. In horto Arabis cuiusdam prope Cayrum vidit Vesslingius.

Lupinus Ægyptius Sylvestris Vesslingii v. Cat. Oriental. In villarum sepibus prope Héraclæam seu Rossetum.

Lycium Indicum crēditum Alpino Park. Indicum Alpino putatam J. B. Indicum alterum (Useg) C. B. Supra ripas rami Nili Calig. vocati 10. ab Alexandria m. p. invenit Alpinus.

Lycopsis Ægyptiaca Park. v. Cat. Orient.

M.

Marum Ægyptiorum Alpin. exot. I. 2. c. 10. Ægyptiorum Alpino Park. app. Vessling.

Musa atbor J. B. Park. Musa Serapionis Ger. Mauz Musa Alpin. Palma hutnialis longis latisque foliis C. B. In Ægypto frequens.

Melilotus Ægyptiaca Park. Ægyptia Alchimiech vocata J. B. Corniculis reflexis minor C. B.

Melo Ægyptius C. B. Melones Abdellavi Ægyptii J. B. Melochia Alpini. Corchorus Ger. Plinii C. B. Cor sive Melochia J. B. Park. Olus Judaicum nonnullis. In cibis nihil est ea Ægyptiis familiarius aut gratius Alp. Moly Africanuni umbella purpurascente C. B. prod. Africum umbella purpurascente Park.

## N.

Nabca folio Rhamni vel Jujubæ *J. B.* Nabca Paliurus Athenæi credita *Alpin.* Oenoplia spinosa & non spinosa *C. B. Ger. emac. app.* Spinosa & non spinosa, sive Napeca, sive Zizyhus alba *Park.* In Ægypto folia per totum annum retinet, at in Creta, observante Bello per hyemen amittit. Ægyptus, Syria & Armenia hac arbore abundant *Bellon.*

Nymphaea seu Nuphar *Vest. v.* Lotus.

## O.

Oicum Ægyptium Alpini *Rihan.* dictum *Herm. Hort. Acad. Leyd.*

Oenoplia *v.* Nabca.

Oenanthe altera minor Africana *Park.* Item tenuifolia altera Africana *eiusdem p. 895.* E Barbaria Africæ regione attulit *Gulielmus Boëlius.*

## P.

Paliurus Athenæi Alpino *v.* Nabca.

Palma *Ger. C. B.* vulgaris *Park.* Major *C. B.* Dactylifera major vulgaris *Fonst.* In Ægypto & Syria.

Papyrus Nilotica *Ger. J. B.* Antiquorum Nilotica *Park.* Nilotica seu Ægyptiaca *C. B.* Provenit etiam in Siciliæ palustribus *v.* Cat. Sicularum rariorū *P. Boccone.*

Phaseolus indicus ruber *Bontii.* Pisum Americanum coccineum, aliis abrus. *J. B.* Abrus. *Alpini de Plant. Egypt.* Glyzyrrhiza Indica vulgò.

Phaseolus Lablab Alpini *J. B.*

Phaseolus Ægyptiacus nigro semine *C. B.*

Polium montanum pumilum tenuifolium Africum *Park.* A Guil. Boëlio circa Tunisium urbem collectum est.

## R.

Ruta Sylvestris quæ dici solet Harmala *J. B.* Juxta Alexandria *v.* Cat. Orient.

S. Sabina

S.

**Sabina** Ægyptia *Lob.* est Abrotanum fœmina Sabinæ folio *C. B.*

**Sebesten** v. Cat. Orient. Non enim in Ægypto tantum sed & in Asia provenit.

**Secamone Alpin. Ægypt.** Apocynum angusto Salicis folio *C. B.* Apocyne affinis Secamone flore albo *J. B.* An Apocyni Secundi species altera *Cluf.*

**Sena** *J. B. Ger.* Alexandrina *Park.* Alexandrina sive foliis acutis *C. B.* In Syria, Persia, Arabia nasci aiunt, unde Alexandriam defertur.

**Sefamum** *J. B. C. B. Park. & aliorum.* Myagrum Ægyptiacum *Zanoni.*

**Sesban** *Alpini. Ægypt.* Sesban sive Securidaca Ægyptia articulata *Park.* Galega Ægyptiaca filquis articulatis *C. B.*

**Sinapi maritimum** Ægyptiacum *Alpin. exot.* l. 2. c. 19. Ex feminibus Ægypto delatis enata est.

**Sonchus** froticosus Africanus petræus spinosus *Park.* In pétrosis circa Tunis & Sapphi à Boëlio inventus & ad Parkinsonum dela tus est.

**Sophera** *Alpini & Bellii J. B.* Galege affinis Sophera dicta *C. B.* Sophera seu securidaca Ægyptiaca villosa *Park.* Hoxocoquamoclit *Cam. hort.*

**Stramonium** minus flore geminato purpurante *Park.* Fruētū rotundo, foliis per ambitum Xanthii modo incisis *Col.* Solanum foetidum pomo spinoso rotundo, semine pallido *C. B.* Datura Ægyptia *Vesling.* Contarena *Alpin. exot.*

**Stratiotes** Ægyptia *J. B.* Aquatica vera Dioscoridis & Ægyptiaca *Park.* Lenticula palustris Ægyptiaca, sive Stratiotes aquatica foliis Sedo majore latioribus *C. B.* Aquis innatat sine radice, ut aiunt.

**Stratiotes** Ægyptia *Dioscoridis Vesling.* Hæc & superior vel Nilo, vel fossis inde deductis supernatat, nec radice in terram demissa firmatur, sed huc illuc fluitat.

**Sycomorus** v. *Ficus.*

*Catalogus Stirpium, &c.*

## T.

*Tamarindus Ger. Park. f. B. Siliqua Arabica quæ Tamarindus C. B. Ex Æthiopia in Arabiam & Ægyptum delatam nonnulli volvunt.*

*Tamariscus Ægyptia gallifera f. B. Tamaris Ægyptia arbor C. B. Ægyptia gallas ferens Park. In Ægypto locis humidis secus flumina oritur, non raro etiam aridis & fabulosis: Bellon.*

*Thlaspi Alexandrinum C. B. Park. Alexandrinum Cortusi f. B. Verum Dioseotidis Zanoni.*

## U.

*Uzeg arbor v. Lycium Indicum.*

## Z.

*Zatar-hendi Origanum Indicum Alpini & Vesslingii Oregano congener Zatar-hendi C. B. Zatarendi herba f. B. Planta Ægyptiaca non est, sed ex India illic deportata, ut nomen arguit. Coeterum, Zatarendi Alpin.*

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## *Stirpium Creticorum rariorum Catalogus.*

### A

**A** Belicea Cretica sive Sartalus adulterina *J. B.* Pseu-  
do-santalus Cretica, Abelicea dicta *Park.* Pseudo-  
santalum Creticum *C. B.* In montibus Leucis,  
eorumque jugis altissimis:

**B**. Absinthium Ponticum Creticum grati odoris *C. B.*  
*præd.* In viridi saltem amaritudo nulla percipi-  
tur, unde ab Afinis, pecoribus, omnibusque Bru-  
tis valde expetitur.

Acanus Theophrasti *Park. vid.* Agavanus Cretensium.  
Acanthus spinosus in agris & juxta semitas frequens est  
*Bellon.*

Acetosa Cretica semine aculeato *C. B.* Mihi descriptiones  
utriusque conferenti eadem aliquando visa est cum Ace-  
tosæ Neapolitana Ocimi folio βακεραληπόρα *Col.* Verum  
peritissimus Botanicus D. Jacobus Breynius, qui utrum-  
que coluit, & observavit, nos erroris insimulat, &  
distinctæ species cum sint, à me perperam confundi-  
scrit; cui non repugno, cum nec initio id fidenter,  
sed timide affirmaverim.

Achlades *Bellon.* Pyri sylvestris genus.

Adraclæ *Park.* Theophrasti *J. B.* Arbutus folio non  
ferrato *C. B.* Adracla Græcis. In Creta, montibus  
Leucis, & alibi inter saxa.

Aga Cretensium *C. B.* i. e. Silybum minus Boëticum  
*Park.* Carduus lacteus peregrinus Camerarii *J. B.*  
albis maculis notatus exoticus *C. B.*

Agasuga *Bellon.* i. e. Pyra sylvestria Cretica.

Agavanus Cretensium i.e. Acanus Theophrasti *Park.* A-  
gavanus Cret. forte Acany Theophr. *Hon. Belli* ep. 5  
ad Clusium, & *Pone* Ital. Carduus latifolius echinos  
obsoletæ purpuræ ferens *C. B.* Vulgaris est notitiæ in  
Creta,

Agrio-

## Catalogus Stirpium.

Agriocinara Cretica *Ponæ Ital.* Cinara Sylvestris Crētica *C. B. Park.* Carduus Agriocinara Cretensium, ex quo Costus niger Officianarum *J. B.* Agrioanzinari Cretensium *Bello* ep. 2. ad Clusium. An Cinara sylv. Bætica *Clus. cur. poſt.* Supra Chisana artem *Bellon.*

Agriomelea *Bellonii*, quam in Cretæ montibus invenisse scribit, exiguorum malorum Pyris formæ similiūm feracem, an Cotoneaster *Gesn. v. Cat. gen.*

Agriostari seu Frumentum sylvestre Creticum *Ponæ Ital.* *Bell.*

Althæa fruticosa Cretica *Park.* Frutex 3 *Clus.* Hanc cum Althæa frutescente Bryoniæ folio *C. B.* s. frutescente folio acuto, flore parvo. Althæa Olbiæ perperam dicta, eandem putamus. *V. Cat. Sic.*

Ammi Creticum *Ger. Park.* Creticum aromaticum *Lob.* odore Origani *J. B.* Alterum semine Apii *C. B.* Semen ex Alexandria Ægypti adfertur.

Anchusa humilis *Alpin. exot.* Humilis Cretica *Park.* In locis montosis & sylvis Cretæ.

Anermone tenuifolia Cretica albo magno flore *C. B.* prod.

Anthyllis falcata Cretica *Park.* Trifolium falcatum *Alpin. exot.*

Anthyllis *Alpin. exot.* In maritimus copiosé. Accedit ad Anthyllidem à Clusio & J. Bauhino descripatam.

Arachydna aut Aracoides Honorii Belli, *J. B.* Cretica *Park.* Viciae similis, supra in frâque terram fructum ferens *C. B.*

Archontoxilon, i. e. Ebenus Cretica.

Arcturus Creticus Belli *v.* Blattaria pilosa Cretica.

Aristolochia polyrrhizos *v.* Pistolochia.

Aristolochia clematitis serpens *C. B.* Reliqua Synonima *v. in Cat. Hist.* Arbores scandit Ephedræ aut Smilacis modo *Bellon.*

Arundo graminea aculeata *Alpin. exot.* In locis humidis supra terram serpit.

Asclepias Cretica Clusii *J. B. Park.* Siliquâ bifido mucrone *C. B.*

### *Creticorum rariorū.*

31

*Afcolimbros Bellonii* non est (ut puto) *Scolymus chrysanthemos* L. *Eryngium luteum* *Narbonensium*, sed *Carduus Siculus chrysanthemus* procerior caule eduli  
*Hist. noſt.* p. 258.

*Aſcyrōides Cretica Alpin. exot.* *Cretica major Park.*  
Hanc plantam in hist. noſt. eandem putavimus cum *Androſæmo Constantinopolitano* flore maximo *Wheeler* ;  
icontamen non respondet, at neque descriptio : ut  
nunc muratā ſententiā diversam ſuſpicer.

*Aſpalathus ſecundus Creticus Alp. v. Cytisus.*

### B.

*Blattaria pilosa Cretica* five *Arctos quorundam J. B.*  
*Verbascum humile Creticum laciniatum C. B.* *Ver-*  
*basculum ſylv. Creticum Alpin. exot.* *Blattaria Creti-*  
*ca incana, rotundo laciniato folio Park.* *Arcturus*  
*Creticus Belli.* Provenit inter ſaxa & ſuper parietes.

*Blattaria Cretica spinosa Park.* *Leucoium Creticum spi-*  
*nosum Clus. J. B.* *Creticum spinosum incanum lu-*  
*teum C. B.* *Spinosum Créticum Ger.* *Spinosum*  
*cruciatum Alpin.* *Glaſtivida Crētensium Belli.*

*Borago Sylvestris annua Cretica Zanoni.* *Bugloſſum*  
*procumbens annum pullo minimo flore Moris. præ-*  
*lud.*

*Borago muralis variegata, flore odorato Cretica Zanoni.*  
*Bugloſſum Lusitanicum bullatis foliis Moris. prælud.*  
In muris urbis Candia ex ipsis petrarum fissuris  
exit.

*Borago sylvestris Cretica flore rubro cremesino perennis,*  
eadem videtur *Echio Cretico latifolio rubro C. B.*

*Bugloſſum Creticum verrucosum, perlatum quibusdam*  
*Schol. Bot. seu Hort. Reg. Par. Tournefort.*

*Bryonia Cretica Pon. Ital.* *Cretica dicoccos Park.* *Creti-*  
*ca maculata C. B.* *Alba maculata J. B.* In Creta  
frequens est.

*Buphthalmum Creticum Cotulæ facie Breyn.* Flore lu-  
teo & albo.

### *C. Calamintha*

## C.

*Calamintha Cretica Cam.* Folio & flore parvo incana  
*f. B.* Incana Ocimi foliis *C. B.* Minor incana  
*Park.* Montana vulgaris *Ger.* Ex semine è Creta  
 missa Camerario succrevit. Lobelius tamen cautibus  
 Linguagotticis calidaruimque regionum innasci scriptum  
 reliquit.

*Calochierni carduus Cretensis* *f. B.* Atractyli &  
 Cnico sylvestri similis *C. B.* Forte Atractylis major è  
 cuius caulis mulieres flos efficiunt. Atractyli  
 vulgari similis, not tamen eadem *v.* Hist. host: p. 304.

*Caloschirrida v.* *Echinus Creticus Alpin.*

*Carduus pinea Theophrasti Alpin.* exot. pinea seu Ixine  
 Theophrasti *Park.* Chamæleon albus gemitni ut mastix  
 ferens *Bell.*

*Carduus Eryngoides capite spinoso Alpin.* exot.

*Caryophyllus arborescens Creticus C. B.* Sylvestris ar-  
 boreus *Alpin.* exot. Nostrâ sententiâ. Betonica coro-  
 naria arboreo Cretica *f. B.* In montibus Cretæ oritur.

*Caucalis Cretensis & Græcorum i. e. Sesely Creticum.*

*Cerasus Alpina Cretica,* seu Idæa *Alp.* exot. Vitis Idæa  
 Cretica elatior *Park.* Agrifolii folio. In monte Idæ  
 Cretæ familiaris est. Ari Agriomelea Bellonii.

*Chamæcerasus Idæa Alp.* exot. Vitis Idæa Cretica hu-  
 milior *Park.* In monte Idæ nascitur.

*Chamæcistus Alpin.* exot. An Chamæcistus Serpylli foliis  
 floribus carneis *C. B.* Serpylli folio, flore carneo *f. B.*  
*7. Clus.*

*Chamædaphnoides Cretica,* seu Laureola Cretica humilis  
*Alp.* exot. Chamædaphnoides sive Laureola Cretica  
*Park.* In Cretæ montanis.

*Chamædrys spinosa Cretica Park.* Spinoza *C. B.* *f. B.*  
 Ex horto Bembi Patavio accepit *C. B.*

*Chamægenista Cretica C. B. Park.* Parkinsonus pro  
 Spartio Cretico *Alp.* ex. hanc habet.

*Chamæpeuce Plinii anguillaræ,* *v.* Stœba fruticosa Cr-  
 etica.

*Chamæpytis fruticosa Cretica,* *v.* Stœbe capitata Rosma-  
 rinii foliis Ponæ.

*Chrisocome Cretica Clus.* Elichrysum Creticum *C. B.*  
*Stantolina Cretica Alpin.* Hanc plantam pro Stœchade citrina alteri inodoræ Lobelii affini capitulis brevioribus *J. B.* habemus *v.* Hist. noſt. p. 282. In montosis Cretæ.

*Cichoreum spinosum Creticum Park. Pon.* In mariſimis, inque fīcīs collibus & arenōſis locis. Hanc ſpeciem in Sicilia obſervavimus. *v. Cat. gen.*

*Ciffampelos ramosa Cretica Park.* Helxine Ciffampelos ramosa Cretica *Ponæ.* Convolvuli ſpecies.

*Ciftus Ledon Cretense C. B.* Led. latifolium Creticum *J. B.* Ladaniſera Cypria Park. Item ledaniſera Cretica vera *ejusdem.* Ledon 4 Cluffii *Ger.* Descriptionem *v. in Alpin. exot.*

*Clinopodium Creticum Alpin. exot.* Persimile eſt, ſi odo rem excipias, Acino vulgari.

*Cneoron album folio Oleæ argenteo molli C. B. v.* Convolvulus rectus odoratus *Ponæ.*

*Cnicus singularis Alpin. exot.* alter Creticus Park.

*Colutea Scorpioides Cretica odorata.* Alpin. exot.

*Convolvulus ramosus incanus, foliis Pilosellæ C. B.* Helxine Ciffampelos ramosa Cretica *Pon. Ital. Park.*

*Coris legitima Cretica Dioscoridis Belli Ger. emac. Park.* Item Coris Matthioli *ejusdem.* Nos enim has non diſtinguiſimus. C. Hypericoides quorundam *J. B.* Lutea *C. B.* In collibus fœcundis copioſe.

*Coronilla frutescens coronata glauco folio Cretica, flo luteo odorato Breyn. prod. 2.*

*Cyanus arboreſcens longifolia Alpin. exot.* In montanis Cretæ naſcitur.

*Cyanus arboreſcens altera, Styracis folio Alp. exot.*

*Cyanus tomentosus Alp. exot.*

*Cyanus lanuginosus spinosus Creticus, & Cyanus fruticosus Creticus, v. Stœbe fruticosa Cret.*

*Cynara sylvestris Cretica C. B. Park.* Carduus Agriocinara Cretenſium, ex quo Coſtus niger Officinarum *J. B.* An Cinara sylv. Boetica Clus. cur. poſt. Supra Chiſami arcem, &c. *v. Bellon.*

*Cynoglossum Creticum ſecundum Clufii J. B.* Creticum alterum *Ger.* Cret. latifolium Park. Latifolium ſeſtīdum *C. B.* Cynoglossæ alteri mediae fructu cotyledone five Lychniode *Col.* eadem videtur planta.

Cynoglossum

*Catalogus Stirpium.*

*Cynoglossum Creticum angustifolium Park.* *Creticum argenteo angusto folio C. B.* *Creticum 1. Ger.*  
*Cyperus rotundus odoratus Creticus Cam. Park.*  
*Cytisus Creticus, Aspalathus secundus Alpinus dictus.* In loco *Fraschia* dicto propè Cretam urbem. *Aspalathus 2. Dioscoridis Bello & aliis. v. Cat. gen.* *Acacia trifolia.*

## D.

*Daucus Creticus Ger.* *Creticus verus Dioscoridis Park.* Non videtur diversus à *Dauco Cretico* semine hirsuto *J. B.* seu *Dauco montano umbellâ candidâ C. B.* *v. Hist. nat. p. 463.*

*Daucus stellatus Alpin. exot. Park.* Planta à *Dauco* longè diversa est.

*Daucus tertius Dioscoridis Bello Ponæ Park.* *Tertius folio Coriandri, flore luteo J. B.* *Creticus nodosus umbellâ luteâ C. B.*

*Dictamnus Creticus C. B. Park.* *Dict. Cretica seu vera J. B.* *Dictamnum Creticum Ger.* In monte Ida; in scopulorum fissuris, nec usquam alibi.

*Dorycnium Creticum v. Convolvulus rectus.*

*Dorycnium Dioscoridis fortè Ponæ Park.* *Jaceæ oleæ folio affinis C. B.* Item *Cneoro* albo affinis *eiusdem.* Hujus semina è Creta ab Honorio Belli ad se missa *Lachchinica* nomine scribit C. Bauhinus in *Pinace.*

## E.

*Ebenus Cretica Alpin. exot.* *Cytisus Creticus incanus* sive *Ebenus Cretica Belli Park. C. B.* Barba Jovis *lagopodoides* *Cretica frutescens incana, flore spicato purpureo amplio Brayn.*

*Echinopoda Cretenibus J. B.* *Echinep. frutex Creticus Park.* *Genista spartium spinosum aphyllum, tribus aculeis semper junctis, floribus luteis C. B.*

*Echinus Creticus Park.* *Echinus seu Tragacantha alia humilior & spinosior Alpin. exot.* *Græci Caloschirrida vocant.*

*Echium*

### *Creticarum rariorū.*

35-

*Echium Creticum latifolium rubrum C. B. Park.* An  
*Echium Candiae flore pulchre rubente J. B. V.*  
*Cat. gen.*

*Echium Creticum Alp. exot.* *Creticum album Park.*  
*Echium pumilum flore luteo C. B. Park.* h. e. *Echi-*  
*um flavo flore Clus. cur. post.* huic idem videtur.

*Echium nigro flore eleganti Alp. exot.* *Creticum nigrum*  
*Park.*

*Echium Creticum angustifolium rubrum C. B. Park.*  
*Creticum 2. Clus.* Habetur & in Sicilia. *Cat. Gen.*

*Equisetum montanum Creticum Park. Alpin. exot.* In  
montanis Cretæ. Flores fert circa virgarum geniculos,  
quo ab Equisetis differt. Tragi five Uvæ marinæ spe-  
cies est.

*Eruca maritima Cretica filiquâ articulatâ C. B.* E Creta  
Honoriū Belli misit.

*Eryngium trifolium Alpin. exot. Park.* In locis asperis.

*Erysimum Dioscoridis Zanoni* *Erysimi annui Creticæ no-*  
*mine missum.*

### F.

*Foenum Græcum sylvestre policeration majus Creticum*  
*Breyn. Cent.*

*Frutex pulcherrimus Belli i. Stoebe fruticosa latifolia Cretica.*

*Fumaria major Cretica Park.* Altera tenuior Syriaca  
*Cam. minor folio oblongo capillaceo C. B.* *Capnos*  
*Cretica Clus.* An Fumaria nostra major scandens?

### G.

*Gaiderothymum v.* *Stachys spinosa Cretica.*

*Galaativida Cretenium prima v.* *Blattaria spinosa.*

----- Altera v. *Tithymalus marit spinosus.*

*Gallium montanum Creticum Alpin. exot. Park.* In  
montanis Cretæ abundat.

*Genista arborea Cretica, foliis semper virentibus Zanoni.*

### H.

*Habbures Cam. i. e. Leontopodium Creticum aliud.*

*Hedysarum argenteum, Alpin. exot. argenteum Creticum*  
*Park.*

Hieracium

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*Hieracium majus Creticum Park.* Majus folio Sonchi, semine curvo *C. B.* Item *Sonchus asper laciniatius Creticus ejusdem.* *Chondrillæ Creticæ nomine misla,* semine crispo *J. B.* *Sonchus Creticus foliis laciniatis vulgo.*

*Hieracium parvum Creticum Park.* *Cluf.* Minor flore, ex albo carneo *C. B.* *Intybaceum, non ramosum Pone.*

*Hieranunc Cretensum est Lotopisum Belli.* v. *Cat. gen.*

*Hippomarethrum Creticum C. B. prod. Park.* *Daucus 3. Creticus,* elius *Sefeli nodosum & Hippomarathrum Pona. Ital. Kupréros vulgo,* i. e. *Pedes corvini.* *Fœniculum magnum* sive *Hippomarathrum J. B.* *Libanotis cacrhyoph. sem. fulcato aspero Moris. Hift.*

*Holosteum* sive *Leontopodium Creticum C. B. Park. Ger.* *Leontopodium Cretense Cluf.*

*Holosteum Alpin. exot.* quod ab *Holosteum Salmanticensi Clusii* differre contendit. *Plantago angustifolia minor lanuginosa Cretica vel Syriaca, pediculis & capitulis maturitate ad terram inflexis Brey. prod. 2.*

*Horminum comâ rubra J. B. vulgo Horm. Creticum.*

*Horminum minus supinum Creticum Cluf. C. B. Park.*

*Hyoscyamus Creticus luteus major C. B.* Luteus minor *J. B.* *Creticus Park.* *Creticus alter Cluf.* Hæc species in Italia & Gallia Narbonensi occurrit, v. *Cat. gen.*

*Hyoscyamus aureus Alp. exot.* *Creticus luteus minor C. B. 4. f. albus Creticus Cluf.* *Albus Creticus Ger. emac.*

*Hyssopus Græcorum Alpin. exot.* An *Hyssopus Origani folia Daleeb. J. B.*

### J.

*Jacea incana Cretica, flore luteo medio purpureo, squamis in moliores spinas abeuntibus Herman. Hort. Lugd. Bat.*

*Jacea Cretica Park. laciñiata squammata C. B.* *Squamata Cretica, quibusdam Scabiosa Cretica dicta J. B.*

L. La-

## L.

Lachryma Jobi Sesamum annum *Zanon.* in Creta copio ē.  
Lagochymica Cretensium est Dorycnium *Dioscoridis Po-*  
*ne.* Bellonius Heliochryson vulgō *Lagochymithia*  
dictum scribit, quod leporibus cubilia grata præbeat.

Lamium fruticosum non maculatum Creticum *Zanon.*

Laurus Sylvestris Cretica *Alpin. exot. Park.*

Lazegiri Cretensium i. e. Lycium Creticum alterum.

Leontopetalon crassa radice *Bellon.* In Ida monte hyeme  
floret.

Leontopodium Creticum *Cluf. v. Holosteum.*

Leucoium Creticum Thlaspidolum *C. B. Marinum*  
Creticum majus *Park.* Marinum Creticum 1 *Cluf.*

Leucoium Creticum floribus minoribus *C. B. Creti-*  
cum minus *Park.* Marinum Creticum 2 *Cluf.*

Leucoium Creticum foliis oblongis crenatis *C. B. Cre-*  
ticum oblongis foliis crenatis *Park.* Creticum 3 *Cluf.*

Leucoium Creticum minimum folio subrotundo *C. B.*  
Creticum cæruleum marinum *Alpin. exot. Park.*

Leucoium album odoratissimum folio viridi *C. B. prod.*

Leucoium Creticum luteum utriculato semine *Alp. exot.*  
*Park.*

Leucoium spinosum Creticum *Cluf.* Est Blattaria spinosa  
seu Glastiyida.

Libanotis Apii folio semine aspero *C. B. Theophrasti*  
*Apii folio Cretica Park.* Rosmarinus foliis Selino  
similibus *Bell.*

Linaria Cretica latifolia major *Cluf. Park.* Latifolia  
triphylla major *C. B.*

Linaria Cretica angustifolia *Cluf. Park.* Quadrifolia,  
exigius flosculis cinereis *C. B.*

Linaria perennis fruticosa Cretica *C. B. prod.* Cui' &  
Linaria latifolia Dalmatica magno flore dicitur.

Linum arboreum *Alpin. exot.* Arboreum Creticum lu-  
teum *Park.*

Lotus ολυμπιας Cretica fruticosa argentea, siliquis  
longissimis propendentibus rectis *Moris. Hist.*

Lotopisum Belli i. Lotus edulis Creticus v. Cat. gen.

Lutea maxima Cretica Honor. Belli f. B. Luteola  
herba folio Cannabino *C. B.* Maxima Cretica fo-  
cunda & sterilis *Park.* Cannabis lutea fertilis & ste-  
rilis Contareni *Alpin. exot.* Inter montes in Aquis  
nascitur,

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nascitur, loco quodam Οφιστερη dicto, tertio ab urbe Cydonia lapide Bell.

*Lychnis Cretica angustifolia Park.* Hirsuta angustifolia Cret. C. B. Ocymoides flore rubro minus Creticum J. B. sylv. 7. Clus.

*Lychnis Auriculae ursi face C. B.* Sylv. latifolia Clusii. sive muscipula Cretica Auriculae ursi facie J. B. Sylv. latifolia Clusii Ger. emac.

*Lychnis viscaria maxima Cretica Alpini.* Viscaria maxima Cretica Alpini Park.

*Lycium Cretense* sive *Berberis Cretica J. B.* Creticum primum Belli Park. Berberis Alpina Cretica. C. B. Lycium Creticum s. Berberis Alpina Belli Bon. In montium altissimorum convallibus.

*Lycium Creticum alterum Park.* Λαζηγίπι & Πελρο αμυγδαλα i. e. Amygdala Petræa, licet cum Amygdalis nihil commune habeat Bell. Ep. 1.

M.

*Majorana Cretica vel Syriaca C. B.* Marum Creticum Alp. exot. Syriacum A. Lob. Ger. Syriacum vel Creticum Park.

*Mandragora mas & foemina Bellon.* In monte Ida. Quæ quamvis in Hispania etiam & Italia sponte proveniant, quia tamen rariores sunt omittere nolui. Vid. Cat. Hispan.

*Marrubium Creticum Ger. Park.* Album angustifolium peregrinum C. B. Album angustiore folio J. B.

*Marrubium Creticum angustifolium inodorum Park.* Album peregrinum brevibus & obtusis foliis C. B.

*Marrubium nigrum Creticum Alp. exot. Park.* Planta Alpino descripta imperfecta erat, absque flore & semine.

*Melilotus quædam Cretica Alpin. exot.* Est lotus Siliquis singularibus vel binis tenuis J. B.

*Melilotus vesicaria Cretica Hort. Altdorf.*

*Meum alexiterium Creticum Park.* Alpin. exot.

*Millefolium Creticum J. B.* Incanum Creticum C. B. Park. Stratotes Millefolia Belli sp. 2. ad Clusium Alpin. exot. Parkinson ex hac planta duas facit: priorem Millefolium incanum Creticum vocat, posteriorem Stratotem Millefoliam Creticam.

*Muscipula Cretica &c. v. Lychnis,*

Myrrhis

*Myrrhis syl.* Cretica nodosa, seminibus asperis annua, semine striato aspero oblongo, nodosa. *Moris.*

N.

*Napus Sylvestris Cretica Park. C. B.* Bunias agrestis Belli, qui ad *C. Bauhinum* è Creta misit.

*Nardus montana Cretica Alpin. exot.* An *Valeriana Cretica tuberosa Park?* *Nardus Cretica Belli.* *Cretica Filipendulæ radice C. B?* *Nardus tamen Cretica Belli* diversa videtur à *Nardo montana Cretica Alpin.*

*Nigella Cretica C. B.* Melanthium simplici flore Creticum *Cluf.* *Nigella Cretica inodoro semine Park.*

*Nigella Cretica latifolia odorata Park. Ponæ Ital.* Alba simplici flore *Alpin. exot.*

*Nigella Cretica altera tenuifolia odorata Park.* Cretica folio Fœniculi *C. B.*

*Nigella Cretica odorata*, foliis Lini, seminibus biformibus *Park.* Malè inscribitur *Nigella.* Melanthium odoratum *Alpin. exot.*

O.

*Oenanthe stellata Cretica Alpin. exot. Park.*

*Oenanthe Cretica prolifera Park.* Apula prolifera *C. B.*

*Oleander Creticus fruticosus major foetidus Zanon.*

*Origanum Creticum J. B. Ger. Sylvestre Syriacum Lob.* Onites *C. B. Matth.*

*Ornithogalum Creticum & Pannonicum flore albo J. B.* P.

*Paeoniae duo genera candido flore Bellon.* Græcis Psi-phædile. In omnibus humidis vallibus montis Idæ.

*Pastinaca tenuifolia Cretica*, radiis umbellæ Gingidii longioribus *Moris.*

*Petromarula Cretica i. e. Rapunculus Creticus.*

*Petroselinum Creticum C. B. Park.* Agriopastinaca vulgò in Creta *Bello* ep. 5. ad Clufium, cui Bufalino Plinii videtur. In montibus Cretæ & Dalmatiæ. Duplex genus est, radice nigra, & rad. ruffa.

*Phyllitis alata* sive *ramosa Alpin;* an & quomodo ab Hemionitiide multifida differat inquirendum. *Alpin.* icon plantam distinctam repræsentare videtur: & *Jac. Breynius* longè diversam esse ait.

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*Pistolochia Cretica C. B.* Cretica semper virens Park.  
*Aristolochia Pistolochia altera J. B.* Diverfa est a  
*Pistolochia Virginiana*, Polyrrhizos dicta, ex accurata  
 observatione & descriptione ad me missa incompara-  
 bilis Botanici D. Joan. Bannister. tristissimo casu  
 nuper in Virginia rebus humanis erexit.

*Polium latifolium incanum Creticum C. B. Park.* Ad  
 Polium montanum luteum vulgare proximè accedere  
 videtur. Circa Cydoniam urbem.

*Polium angustifolium Creticum C. B. Park.* Erectum  
 Creticum & fortè frutescens Dioscoridis Ponæ. In  
 Creta ad maris littora frequens.

*Polium gnaphaloides Alpin. exot. Park.* Gnaphalii ma-  
 rini species est. In maritimis Cretæ. Gnaphalium  
 marinum Clusii esse pernegrat.

*Polygonum Creticum Thymi folio C. B. Park.* Non  
 multum abludit à Poligono nofrate parvo, flore albo  
 verticillato.

*Pimpinella spinosa Park.* Poterio affinis folio, Pimpin-  
 ella spinosa C. B. Poterium quibusdam, sive Pimpinella  
 spinosa J. B. Poterion Lobelii sive Pimpinella  
 spinosa Camerarii Ger. Stoebe legitima Dioscori-  
 dis Bello. In Creta perpetuo viret, & multos annos  
 durat.

*Poterium Alpinii.* Tragacanthæ species, multis Cretæ  
 Insulæ in locis invenitur.

*Pseudostachys Cretica v. Stachys.*

*Pseudocistus Ledum Alpin. exot. 1. Park.*

*Pseudocistus Ledon alterum Alpin. exot. 2. Park.*

*Pseudodictamnus Cydoniæ seu Ps. 2. Theophrasti Ponæ,*  
*i. e. Pseudod. acetabulis Moluccæ C. B.*

R.

*Ranunculus echinatus Creticus Park.* Stellatus echina-  
 tus Creticus C. B.. Creticus echinatus latifolius Al-  
 pin exot.

*Ranunculus Creticus albo flore, majore quam Papaveris*  
*Rhœados.* J. B.

*Ranunculus Creticus latifolius Clus. Park. Ger. Emac.*  
*Asphodeli radice Creticus C. B.*

*Ranunculus Creticus grumosa radice, flore niveo Clus.*  
*Grumosa radice, flore niveo C. B.*

Rapun-

*Rapunculus Creticus* seu *Pyramidalis* alter *C. B.* *Creticus Petromarula* *J. B.* *Petrom.* *Cretica* sive *Rapunculus Creticus Park.* *Petromarula* f. *Lactuca petraea Pon.* *Ital. Bell.*

*Rosmarinus Selini* folio *Bell. v.* *Libanotis &c.*

*Rosmarinum Stechadis* facie *Alpin. exot.* *Potius Euphrasia Stœchadis* facie.

*Rubia argentea Cretica Alpin. exot. Park.* *Cruciata argentea.*

*Rubia arborescens Cretica Alpin. exot. Lævis arborescens Cretica Park.* An & quomodo à *Rubia Sylvatica lævi J. B.* differat inquirendum.

S.

*Salvia Cretica pomifera Clus. Ger. Baccifera C. B.* *Gallifera J. B.* Major *Cretica latifolia* & *angustifolia*, *aurita* & non *aurita*, *pomifera* & non *pomifera*, nam specie convenient, *Bellonius poma* hæc esui apta esse scribit, eaque rusticos legers solere, iisque plenos Saccos in proximas urbes venum deferre: quod mirum, cum nihil aliud sint quam *Gallæ*, seu morbos tumores ab Insectis excitate *Park.*

*C. Salvia Cretica angustifolia, Clus. Tenuifolia J. B.* *Angustif. ferrata C. B.* *Augustif. non aurita Park.* Semine è Creta accepto nata est.

*Sandalida Cretica* est *Lotus siliquis quadripinnat.* in *Catal. general.*

*Santolina Cretica Alpini. v. Chrysocome.*

*Satureia Cretica C. B. Ger. emac.* *Cretica legitima Park.* *Thymbra Græca J. B.* Hoc genus *Alpinus Tragoriganum* esse contendit, non *Thymbram*, cuius rationes vide.

*Satureia Cretica spinosa Ponæ.*

*Saxifraga Cretica prior Park.* *Saxifraga Alpin. exot*

*Saxiphraga altera Alpin. exot.* *Cretica altera Park.*

*Scabiosa arborea Alpin. exot.* *Arborea Cretica Pod.* *Peregrina Ger.* Fruticosa, folio non dissecto *peregrina J. B.* *Stellata* folio non dissecto *C. B.*

*Scammonea macrorrhizos Alpin. exot.*

*Scandix Cretica major C. B. prod. Park.* *Pecten Veteris Creticum J. B.*

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Scordium alterum languinosum verticillatum C. B.  
 Scordotis Plinii prima Park. Ponæ. Tomentosa Cretica J. B.  
 Scordotis Cretica C. B. prod. Altera Plinii Ponæ. Ital.  
 Park. Scordotis Alpin. exot.  
 Scrophularia Cretica 1. Clus. Cretica latifolia Park.  
 Indica Ger. Foliis Filicis modo laciniatis, vel Ruta  
 canina latifolia C. B.  
 Seseli Creticum majus C. B. Ger. Creticum, sive  
 Tordylium majus Park. An Caucalis Lusitanica  
 Alpin. exot.  
 Seseli Creticum minus v. Cat. gen.  
 Seseli Cretense nodosum Park. Myrrhis Sylvestris Cretica nodosa, seminibus asperis Hist. nat. p. 432.  
 Sideritis viscosa Cretica bitumen redolens Zanoni. Glutinosa bitumen redolens Moris. Prælud.  
 C. Siler Creticum quibusdam, foliis Cicutæ, semine longo  
 criso J. B. Sil. 2. foliis Cicutæ C. B.  
 Solanum somniferum Antiquorum Alp. exot. Somni-  
 ferum Antiquorum verum Park. Item Solanum  
 somniferum Park. Virticillatum J. B. Somni-  
 ferum verticillatum C. B. In Cretæ locis mari-  
 timis.  
 Spartium Creticum Alpin. exot. Park.  
 Spartium spinosum Creticum Alpin. exot. Park.  
 Spartium spinosum secundum Alpin. exot. Spinosum aliud  
 Creticum Park.  
 Spica trifolia Cretica Alpin. exot.  
 Stachys Cretica major seu latifolia Hort. Reg. Par.  
 Tournefort. Cat.  
 Stachys Cretica C. B. Stachys sive Pseudostachys Cretica Park. C. B. prod.  
 Stachys spinosa Park. Spinosa Cretica C. B. Ger.  
 Spinosa J. B. Gædarothymo, i. e. Asinimum Thymum rusticis Cretensibus.  
 Staphis agria in monte Ida passim sponte provenit Bellon.  
 v. Cat. gen.  
 Stœbe fruticosa latifolia Cretica Park. Frutex rotundo  
 argenteo folio, Cyani flore C. B. Cyanus fruticosus  
 Creticus Candiae Ponæ Ital. Frutex pulcherrimus  
 Bello ep. 2. ad Clus.

Stœbe

*Stoebe spinosa Cretica Park.* Spinosa *J. B.* Spinosa maritima *C. B.* Cyanus spinosus *Creticus Ponæ & Alp.* *Stoebe angustifolia Cretica i.* *Stoebe capitata Rosmarini foliis Ponæ.* Forte Chamapeuce *Alpin. exot.* Chamæpitys fruticosa *Cretica Belli.* Jacea fruticans Pini folio *C. B.*

*Stoebe Plantaginis folia Alpin. Park.*

*Stratiotes Millefolia Cretica Alpin. v. Millefolium.*

## T.

*Teucrium Creticum Clus. Park. J. B.* Creticum in-canum *C. B.* Ex semine è Creta missa Chamædryos majoris appellatione Clusio enatum est.

*Thlaspi Creticum umbellatum flore albo odorato Park.*

Umbellatum Creticum flore albo odoro minus *C. B.*

Parvum umbellatum flore niveo odorato *J. B.*

*Thlaspi clypeatum arborescens Creticum Alpin. exot. Park.* Qu. An non idem sit cum Thlaspi fruticoso altero *Lob.* aut fruticoso folio Leucoii marini minoris *J. B.*

*Thymbra v. Satureia.*

*Thymbra Alp. exot.* Cretica vera Alpino *Park.*

*Tithymalus cyparissias Creticus Alpin. exot.*

*Tithymalus arboreus Alpin.* Dendroides ex codice Cæ-sareo *Lugd. Dod.* In hort. Reg. Paris. colitur, & pro distincta à Tithymalo Dendroide Matthioli specie in *Schol. Bot. Par.* ponitur.

*Tithymalus maritimus spinosus C. B.* Maritimus Creticus spinosus *Park.* An Tithymalus spinosus Creticus *Alpin.*

*Tragacantha altera seu Poterium densius ramificatum Alpin. exot.*

*Tragacantha humilior floribus luteis C. B.* Traga-cantha *Alpin. exot.*

*Tragacantha Cretensis aut Idæa nigra, tota echinata Morif.* Tragacantha altera *Alpin. exot.*

*Tragacantha humilior & spinosior v. Echinus.*

*Tragacantha quarta seu Spartium spinosum alterum Alpin. exot.* Nec flores nec fructum hujus plantæ vidit Alpinus, proinde ad quod genus referenda sit certò nequit definiri.

*Tragoriganum Creticum C. B. Park.* Cretense *Ger.*

Quibusdam nigrius folio duro, flore purpureo *J. B.*

Trifolium

*Catalogus Stirpium, &c.*

*Trifolium spinosum Creticum C. B. Cluf. Park. Ger.  
emac. Aculeatum Creticum J. B. Opisthoxipho Cre-  
tenibus Bell.*

*Trifolium peltatum Creticum C. B. J. B. Odoratum  
peltatum Creticum Park. Rusticis Cretenibus Mass-  
eias Bell.*

*Trifolium falcatum Creticum Alpin. exot. Anthyllis  
falcata Cretica Park.*

## V.

*Valeriana Cretica tuberosa Park. Nardus montana  
Cretica Alpin. exot. Nardus Cretica Belli. q. v.  
Nardus.*

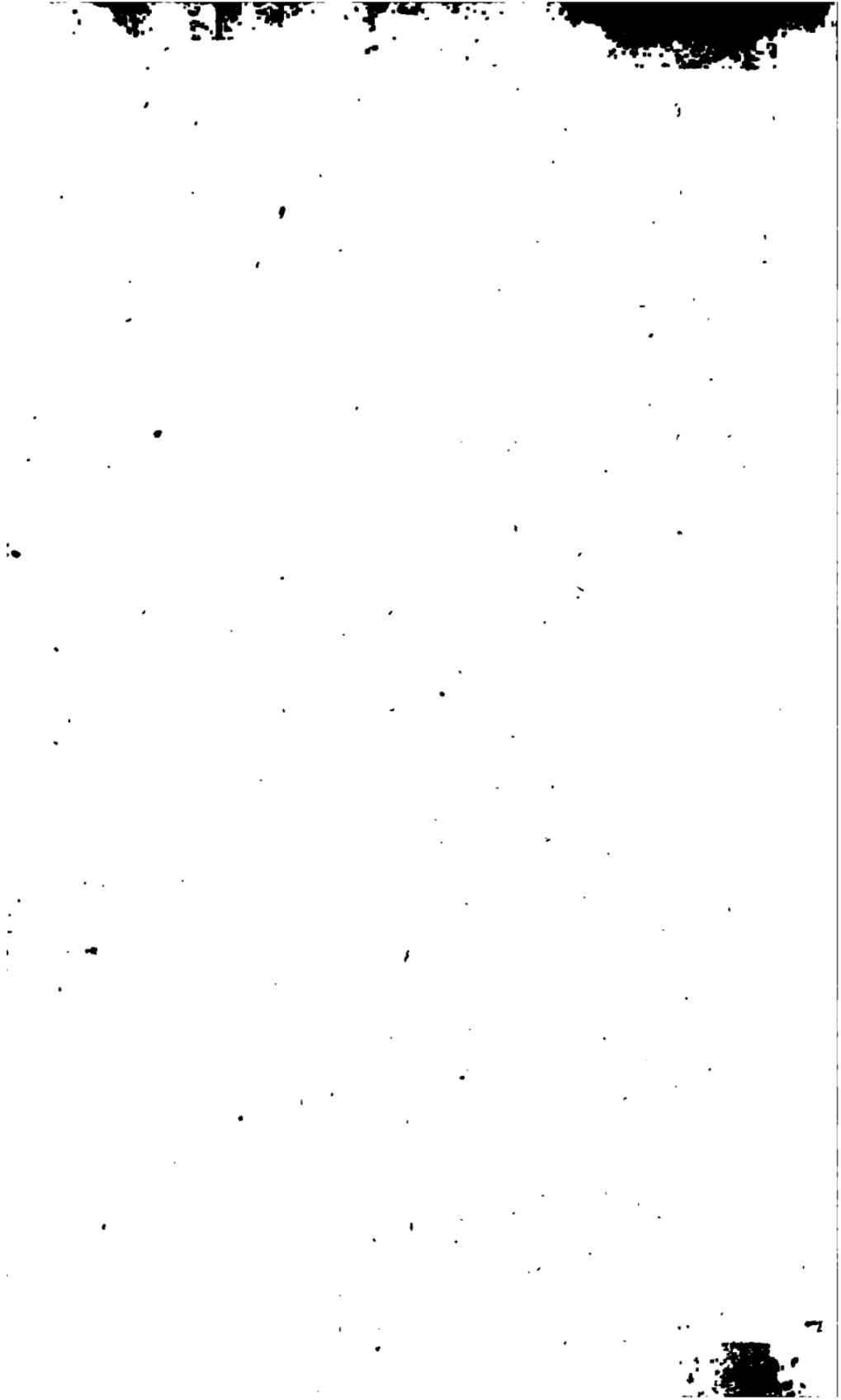
*Viscaria Cretica Maxima Alpini v. Lychnis.*











Rebacked S. Holliday  
6/05

